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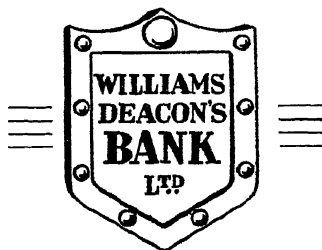
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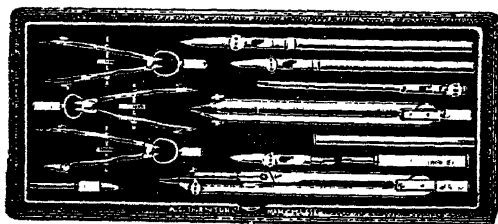
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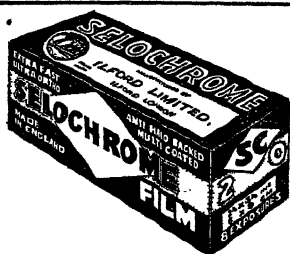
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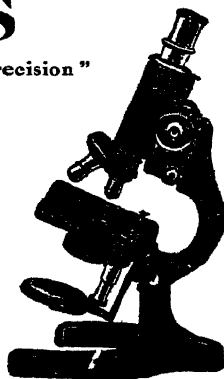
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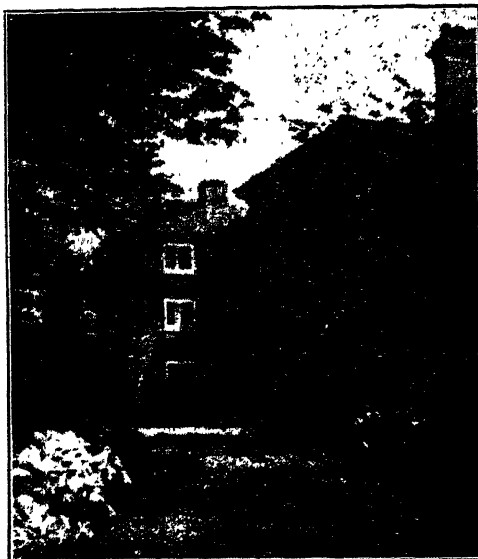


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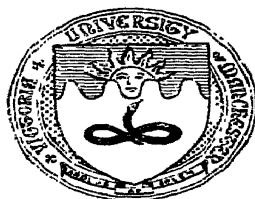


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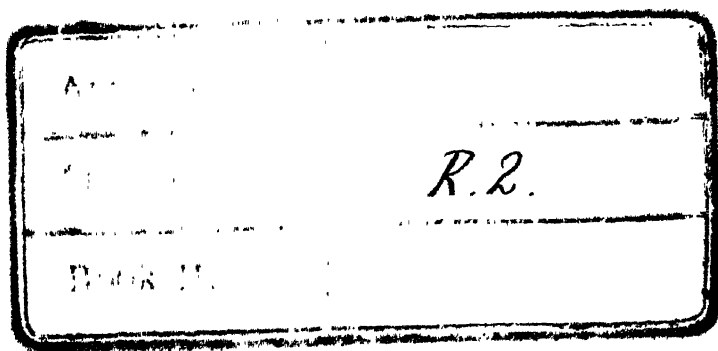
CALENDAR

1933—1934



MANCHESTER  
AT THE UNIVERSITY PRESS  
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1933



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## ALMANAC.

SEPTEMBER—1933.

1	F	<b>Last day for payment of fees for September Examinations.</b>
2	S	
3	S	
4	M	
5	Tu	
6	W	
7	Th	<div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>The announcement in the Almanac of the dates of application for Fellowships, Scholarships, etc., are offered <i>without</i> notice that the awards will be made in the current session. Candidates should consult the regulations in the <i>Catalogue</i>.</p> </div>
8	F	
9	S	
10	S	
11	M	
12	Tu	
13	W	
14	Th	
15	F	<b>Last day for presentation of Theses for M.A., LL.M., M.A. (Comm.), M.A. (Admin.), M.Sc., M.Sc. Tech. (Ords. I. and II.), and for Certificate of Distinction in Technology, and for application for exemption from the Entrance Examination for Certificate Candidates</b>
16	S	
17	S	
18	M	<b>Examinations begin for Intermediate B.A., B.Sc., and B.Sc. Tech., First M.B. (Parts I. and II. a), First B.D.S. (Parts I. and II. a Botany), Second B.D.S., First L.D.S., and Second L.D.S. (Bot., Dent. Met. and Mechs.)</b>
19	Tu	
20	W	
21	Th	<b>Last day for application to take a special language in Certificate Entrance Examination</b>
22	F	<b>Last day for sending in Certificates of attendance for D.P.H. Parts I. and II., and D.V.S.M.</b>
23	S	
24	S	
25	M	Medical Science Report on Progress of Work for 1933
26	Tu	
27	W	
28	Th	<b>REGISTRATION OF MEDICAL STUDENTS BEGINS. Last day for notice and payment of</b>
29	F	<b>APPLICATIONS COMMITTEE fees for Certificate Entrance Examination</b>
30	S	<b>Senate. (Examination Results.) FACULTIES OF ARTS, SCIENCE, and TECHNOLOGY</b>

The dates given for the commencement of examinations are subject to variation. Candidates must consult the Final Issue of the Examination Time-table exhibited on the notice-boards in the University.

# OCTOBER—1933.

1	S	<b>Last day for application for Leech and Agnew Fellowships and Holt Medical Scholarship for Women. Last day for recognition for M.Sc.Tech. (under Ordinance III.), and M.Ed.</b>
2	M	<b>REGISTRATION OF STUDENTS BEGINS. (All Faculties except Medicine.) MUSEUM STANDING COMMITTEE</b>
3	Tu	
4	W	<b>Examinations begin for Certificates Entrance Examination, for Wellington Scholarship, Dauntsey Senior Legal Scholarship, for David Ble- Hebrew, and for Bishop Lee Greek Testament Prizes</b>
5	Th	<b>SESSION BEGINS (All Faculties). PRESS COMMITTEE. Special Examination in Mechanics (Science and Medicine)</b>
6	F	
7	S	
8	S	
9	M	<b>APPLICATIONS COMMITTEE. Examinations begin for D.P.H. (Part I.) and for D.V.S.M.</b>
10	Tu	<b>FACULTIES OF SCIENCE AND EDUCATION</b>
11	W	<b>COUNCIL. FACULTY OF THEOLOGY</b>
12	Th	<b>Senatc. Examinations begin for D.P.H. (Part II.)</b>
13	F	
14	S	
15	S	<b>Last day for application for additional grants for Faulkner, Beyer, and Leech Fellowships</b>
16	M	<b>MUSEUM COMMITTEE</b>
17	Tu	<b>LIBRARY COMMITTEE</b>
18	W	
19	Th	<b>FACULTIES OF ARTS AND MEDICINE</b>
20	F	<b>HEADS OF HALLS COMMITTEE. Last day for notice and payment of fees for the December Examinations. Last day for application for Turner Medical Prize (December)</b>
21	S	
22	S	
23	M	
24	Tu	
25	W	<b>Council</b>
26	Th	
27	F	
28	S	
29	S	
30	M	
31	T	<b>Last day for application for Honorary Research Fellowships. Last day for application for Grants in Aid of Medical Research</b>

# NOVEMBER—1933.

1	W	APPLICATIONS COMMITTEE. Last date for submitting Essays for Phelps Prize in Archæology
2	Th	Senate
3	F	
4	S	
5	S	
6	M	
7	Tu	
8	W	Council
9	Th	FACULTIES OF ARTS AND MEDICINE
10	F	
11	S	ARMISTICE DAY. No lectures will be delivered between 10-30 and 11-30 a.m.
12	S	
13	M	
14	Tu	FACULTIES OF SCIENCE AND EDUCATION
15	W	Court. ASHBURNEHALL DELEGACY. FACULTY OF THEOLOGY
16	Th	Senate (if required). ADVISORY COMMITTEE ON LEGAL EDUCATION
17	F	
18	S	
19	S	
20	M	
21	Tu	
22	W	Council
23	Th	
24	F	Last day for sending in Certificates of attendance for Third and Final M.B., Third and Final B.D.S., Third and Final L.D.S., D.P.M. (Part II.)
25	S	
26	S	
27	M	
28	Tu	
29	W	
30	Th	FACULTY OF MEDICINE. Examinations begin for First M.B. (Part II. & Botany), Third M.B. and Final M.B., First B.D.S. (Part II. & Botany), Third and Final B.D.S., Second L.D.S. (Botany), Third and Final L.D.S., and D.P.M. (Part II.)

# DECEMBER—1933.

1	F	<b>Last day for notice for Hill and Samuel Robinson Modern Languages Prizes</b>
2	S	
3	S	
4	M	
5	Tu	
6	W	<b>APPLICATIONS COMMITTEE</b>
7	Th	<b>Senate. FACULTY OF ARTS. PRESS COMMITTEE</b>
8	F	
9	S	
10	S	
11	M	
12	Tu	<b>FACULTIES OF SCIENCE AND EDUCATION</b>
13	W	<b>Council. Michaelmas Terminal Examinations begin</b>
14	Th	
15	F	<b>Senate. (Examination Results.) FACULTY OF MEDICINE</b>
16	S	
17	S	
18	M	
19	Tu	<b>Degree Day. MICHAELMAS TERM ENDS (All Faculties)</b>
20	W	
21	Th	
22	F	
23	S	<b>UNIVERSITY CLOSED. Library Closed, December 23rd to 26th inclusive</b>
24	S	
25	M	<b>Christmas Day</b>
26	Tu	
27	W	
28	Th	
29	F	
30	S	<b>UNIVERSITY CLOSED. Library Closed, December 30th to January 2nd (inclusive)</b>
31	S	

# JANUARY—1934.

1	M	
2	Tu	
3	W	
4	Th	
5	F	
6	S	
7	S	
8	M	MUSEUM STANDING COMMITTEE
9	Tu	
10	W	
11	Th	LENT TERM BEGINS (All Faculties)
12	F	APPLICATIONS COMMITTEE
13	S	
14	S	
15	M	Last day for submitting Theses for Hill Prize
16	Tu	
17	W	Council
18	Th	FACULTY OF MEDICINE. Last day for notice for Victoria Scholarship
19	F	
20	S	
21	S	
22	M	MUSEUM COMMITTEE
23	Tu	FACULTIES OF SCIENCE AND EDUCATION
24	W	
25	Th	Senate
26	F	
27	S	
28	S	
29	M	
30	Tu	
31	W	Council. Last day for giving notice of Fourth Year's Course for B.A. Honours. Last day for application and for sending in Theses for degrees of Litt.D., D.Sc., LL.D., and D.D. Last day for application for Grants in Aid of Medical Research

## FEBRUARY—1934.

1	Th	FACULTY OF ARTS. PRESS COMMITTEE. Last day for notice and payment of fees* for June Examinations for candidates not in attendance during the present session. Last day for sending in Essays for Classical Prose, and Kyd Prizes. Last day for submission of subjects for Phelps Prize in Archaeology
2	F	
3	S	
4	S	
5	M	
6	Tu	
7	W	APPLICATIONS COMMITTEE. FACULTY OF THEOLOGY
8	Th	FACULTY OF MEDICINE
9	F	Examinations begin for Samuel Robinson Modern Languages Prize
10	S	Reception to Tutorial Class Students
11	S	
12	M	
13	Tu	SHROVE TUESDAY (University Holiday). Library Closed.
14	W	Council
15	Th	Senatc. Last day for application for Dauntsey Medical Junior Scholarships, and for Sidney Renshaw Junior Prize in Physiology. ADVISORY COMMITTEE ON LEGAL EDUCATION
16	F	
17	S	
18	S	Last day for notice and payment of fees for the March Examinations
19	M	
20	Tu	FACULTY OF SCIENCE
21	W	ASHBURNE HALL DELEGACY
22	Th	FACULTY OF ARTS
23	F	
24	S	
25	S	
26	M	
27	Tu	
28	W	Council

\* If no fee be due, notice, in writing, must be given to the Registrar by this date

## MARCH—1934.

1	Th	<b>Last day for sending in Certificates of attendance for March Examinations. Last day for notice and payment of fees</b>	
2	F	for M.Sc. and M.Sc.Tech. under Ord. I. (Presentation of theses in May) and Ords. II. and III. (Presentation of theses in April),	
3	S	M.A., M.A. (Com.), M.A. (Admin.), LL.M., M.Ed., Certificates of Distinction in Technology and for Teacher's Diploma	
4	S		
5	M	MUSEUM STANDING COMMITTEE.	Examinations begin for
6	Tu	Victoria Scholarship	
7	W	FACULTY OF EDUCATION	
8	Th	APPLICATIONS COMMITTEE	
9	F	Senate	
10	S		
11	S		
12	M	<b>Examinations begin for First M.B. (Parts I. and II.b), Second M.B.,</b>	
13	Tu	<b>First B.D.S. (Parts I. and II. b), Second B.D.S., First L.D.S.,</b>	
14	W	<b>Second L.D.S. (Zoology, Dent. Met. and Dent. Mechs.), and</b>	
15	Th	<b>D.P.M. (Part I.)</b>	
16	F	Council	
17	S	FACULTY OF MEDICINE. <b>Last day for application for War-</b>	
18	S	<b>burton Scholarship in Local</b>	
19	M	<b>Government, Shuttleworth</b>	
20	Tu	<b>Economic, Bishop Fraser, and</b>	
21	W	<b>Oliver Heywood Scholarships,</b>	
22	Th	<b>Early English Text Society's,</b>	
23	F	<b>Gladstone Memorial, and</b>	
24	S	<b>Dauntsey International Law</b>	
25	S	<b>Prizes. Last day for submitting</b>	
26	M	<b>essays for Horsfall Prize. Last</b>	
27	Tu	<b>day for payment of University</b>	
28	W	<b>Summer Examination Fees. Last</b>	
29	Th	<b>day for sending in notice</b>	
30	F	<b>for Certificates in Biblical</b>	
31	S	<b>Knowledge and Theology</b>	
		FACULTY OF MEDICINE.	
		FACULTY OF ARTS	
		FACULTY OF ARTS. (Exami-	
		nation Results)	
		MUSEUM COMMITTEE	
		Lent Terminal Examinations	
		begin	
		LENT TERM ENDS (All Faculties). Senate. (Examination	
		Results.) FACULTY OF MEDICINE	
		UNIVERSITY CLOSED, Library Closed, March 30th to April 2nd	
		(inclusive). Last day for sending in Exercise for Mus.D., and	
		payment of Exercise fees for Third Mus.B. and Mus.D.	



## APRIL—1934.

1	S	<b>Easter Day.</b> Last day for sending in Exercise for Third Mus.B. Last day for notice for Entrance Scholarships Examination
2	M	
3	Tu	
4	W	
5	Th	
6	F	
7	S	
8	S	
9	M	
10	Tu	
11	W	
12	Th	
13	F	
14	S	
15	S	
16	M	
17	Tu	
18	W	
19	Th	<b>SUMMER TERM BEGINS (All Faculties)</b>
20	F	University of Toronto Charter Granted, 1827
21	S	
22	S	
23	M	
24	Tu	<b>FACULTY OF SCIENCE</b>
25	W	<b>Council</b>
26	Th	University of Toronto Charter Granted, 1827
27	F	
28	S	
29	S	
30	M	<b>Last day for presentation of Theses for M.A., M.A. (Com.), M.A. (Admin.), M.Sc., M.Sc. Tech. (Ords. II. and III.), LL.M., and M.Ed. Last day for application for Grants in Aid of Medical Research</b>

## MAY—1934.

1	Tu	FACULTY OF EDUCATION. Last day for application for Osborne Reynolds Fellowship, Jevons Studentship, Advanced Studentship in Education, Mark Stirrup, Asliburne Hall, Dauntsey Senior Legal, Hargreaves Musical, and Priestley Scholarships, Wild Prize in Pharmacology, Turner Medical Prize (July), and Agnew Prize. Last day for sending in English Essays and Poems. Last day for sending in dissertations and payment of fees for M.D. Last day for notice and payment of fees for Ch.M. Last day for notice and payment of fees for First M.B. (Part II), Second, Third, and Final M.B., First B.D.S. (Zoology), Second L.D.S. (Zoology), Third and Final B.D.S., Third and Final L.D.S., Diploma in Bacteriology, D.P.M. (Parts I and II.), D.P.H. (Parts I and II.), and for D.V.S.M.
2	W	APPLICATIONS COMMITTEE. FACULTY OF THEOLOGY
3	Th	Senate. PRESS COMMITTEE
4	F	ADVISORY COMMITTEE FOR THE TRAINING OF TEACHERS OF THE DEAF
5	S	
6	S	
7	M	
8	Tu	Examinations begin for Gladstone Memorial Prize, for Early English Text Society's Prize, for Dauntsey Prize in International Law, for Bishop Fraser, Oliver Heywood and Shuttleworth Economic Scholarships and Warburton Scholarship in Local Government
9	W	Council
10	Th	FACULTIES OF ARTS AND MEDICINE
11	F	
12	S	
13	S	
14	M	
15	Tu	FACULTY OF SCIENCE
16	W	Court. Founder's Day
17	Th	Senate
18	F	
19	S	
20	S	Whit-Sunday
21	M	UNIVERSITY CLOSED. Library Closed
22	Tu	
23	W	
24	Th	Last day for presentation of Theses for M.Sc. and M.Sc. Tech. (Ord. I) and for Certificate of Distinction in Technology
25	F	UNIVERSITY CLOSED. Library Closed
26	S	UNIVERSITY CLOSED. Library Closed
27	S	
28	M	
29	Tu	
30	W	Council
31	Th	

## JUNE—1934.

- 1 F **LECTURES END (All Faculties except Medicine). Last day for return of Examiners' marks for Entrance Scholarships.**
- 2 S **Last day for application for Jones, Langton, John Bright, Drummond-Fraser, Delepine and Knight Fellowships; for Dalton Chemical, Jones Post-Graduate, Grisedale Biological Research, Clement Royds, Robert Angus Smith, and MacLaren Cotton Industry Research Scholarships; for Sidney Renshaw Junior Prize in Physiology, and for Dumville Surgical Prizes. Last day for notice and payment of fees for M.A., LL.M., M.A. (Comm.), M.A. (Admin.), M.Sc., and M.Sc.Tech. (Ords. I. and II.) (Presentation of Theses in September), and for Certificate of Distinction in Technology. Last day for sending in certificates of attendance for Diploma in Bacteriology. Last day for submitting theses for Wild Prize in Pharmacology.**
- 3 S
- 4 M **Examinations begin for Honours Schools B.A., B.Sc., for M.A., M.A. (Comm.), M.A. (Admin.), for Diploma in Geography and Certificates in Biblical Knowledge and Theology, and for Intermediate and Final B.A., B.Sc., and B.Sc.Tech. B.A. (Comm.), B.A. (Admin.), Intermediate and Final LL.B., Preliminary and Final B.D., Mus.B., Mus. D., Higher Commercial Certificate, Certificate in Public Administration and Certificate in Technology.**
- 5 Tu
- 6 W
- 7 Th **FACULTY OF ARTS. Examinations begin for Agnew Prize**
- 8 F
- 9 S
- 10 S **Last day for notice for Platt Physiological Scholarship. Last day for sending in certificates of attendance for Third and Final M.B., for Final B.D.S., Final L.D.S., for D.P.M. (Parts I. and II.), D.P.H. (Parts I and II.), and for D.V.S.M.**
- 11 M **MUSEUM STANDING COMMITTEE**
- 12 Tu **FACULTY OF SCIENCE**
- 13 W **Council**
- 14 Th **FACULTY OF MEDICINE**
- 15 F **Last day for application for Faulkner and Beyer Fellowships, for Pickles Studentship and for Roscoe Post-graduate Scholarship, Sam Gamble Medical Scholarships for Women, Buckle Research Scholarship, Wellington Scholarship, and for Bishop Lee Greek Testament and Samuel Robinson Modern Languages Prizes. Last day for application to take a special language in Certificates Entrance Examination**
- 16 S
- 17 S
- 18 M **Examinations begin for M.D., Ch.M., Final M.B., Third and Second M.B., First M.B. (Part II. b), Final and Third B.D.S., First B.D.S. (Part II. b), Final and Third L.D.S., Second L.D.S. (Zoology), Diploma in Bacteriology, D.P.M. (Part I.), D.P.H. (Part I.), and for D.V.S.M.**
- 19 Tu **Examiners' Meeting for award of Entrance Scholarships.**
- 20 W **APPLICATIONS COMMITTEE. ASHBURNE HALL DELEGACY**
- 21 Th **Senate. PRESS COMMITTEE Last day for application for Professor Tom Jones Memorial Surgical Fellowship and for David Bles Prize, and for Graduate Bursaries in Education.**
- 22 F **Examinations begin for D.P.H. (Part II.)**
- 23 S
- 24 S
- 25 M **MUSEUM COMMITTEE. Examinations begin for D.P.M. (Part II.)**
- 26 Tu **FACULTY OF EDUCATION**
- 27 W **Council**
- 28 Th **FACULTY OF EDUCATION**
- 29 F **FACULTY OF THEOLOGY**
- 30 S **Last day for application for Pilkington Cancer Research Fellowship. Last day for application for the Derby, Bishop Harvey Goodwin, and Ashby Memorial Scholarships. Last day for notice for Certificates Entrance Examination**

# JULY—1934.

1	S	<b>Last day for application for Graduate Entrance Scholarships in Medicine</b>
2	M	<b>FACULTIES OF ARTS, SCIENCE, AND TECHNOLOGY (Examination Results)</b>
3	Tu	<b>Senate. (Examination Results.)</b>
4	W	<b>Senate. (Examination Results.) FACULTY OF MEDICINE</b>
5	Th	<b>ADVISORY COMMITTEE ON LEGAL EDUCATION</b>
6	F	<b>Degree Day. Examinations begin for Certificates Entrance Examination</b>
7	S	<b>Degree Day. SESSION ENDS</b>
8	S	
9	M	<b>Long vacation term begins (Faculty of Technology)</b>
10	Tu	
11	W	<b>Council</b>
12	Th	
13	F	
14	S	
15	S	<b>Last day for application for Graduate Research Scholarships and for increase in Derby and Mercer Scholarships</b>
16	M	
17	Tu	
18	W	<b>APPLICATIONS COMMITTEE. Last day for sending in certificates of attendance for Second B.D.S. and Second L.D.S. (Dent. Mechs. and Met.)</b>
19	Th	
20	F	
21	S	
22	S	
23	M	
24	Tu	
25	W	<b>Council</b>
26	Th	
27	F	<b>Long vacation term ends (Faculty of Technology)</b>
28	S	
29	S	
30	M	
31	Tu	

## AUGUST—1934.

1	W	Library Closed, August 1st to 14th (inclusive)
2	Th	
3	F	Washington State School of Medicine Incorporated with the
4	S	State of Washington
5	S	
6	M	UNIVERSITY CLOSED
7	Tu	
8	W	
9	Th	
10	F	
11	S	
12	S	
13	M	
14	Tu	
15	W	
16	Th	
17	F	
18	S	
19	S	
20	M	
21	Tu	
22	W	
23	Th	
24	F	
25	S	
26	S	
27	M	
28	Tu	
29	W	
30	Th	
31	F	

# SEPTEMBER—1934.

1	S	<b>Last day for payment of fees for September Examinations</b>
2	S	
3	M	
4	Tu	
5	W	
6	Th	
7	F	
8	S	
9	S	
10	M	
11	Tu	
12	W	
13	Th	
14	F	
15	S	<b>Last day for presentation of Theses for M.A., LL.M., M.A. (Comm.), M.A. (Admin.), M.Sc., M.Sc. Tech. (Ords. I. and II.), for Certificate of Distinction in Technology, and for application for exemption from the Entrance Examination for Certificate Candidates</b>
16	S	
17	M	<b>Examinations begin for Intermediate B.A., B.Sc., and B.Sc. Tech., First M.B. (Parts I. and II.), First P.D.S. (Parts I. and II. Botany), Second B.D.S., First L.D.S., and Second L.D.S. (Bot., Dent. Met. and Mechs.)</b>
18	Tu	
19	W	
20	Th	
21	F	<b>Last day for application to take a special language in Certificates Entrance Examination</b>
22	S	<b>Last day for sending in Certificates of attendance for D.P.H. (Parts I. and II.), and for D.V.S.M.</b>
23	S	
24	M	
25	Tu	Medical School opened by Professor Huxley 1934
26	W	
27	Th	
28	F	<b>Last day for notice and payment of fees for Certificates Entrance Examination</b>
29	S	
30	S	

## OCTOBER—1934.

1	M	<b>REGISTRATION OF STUDENTS BEGINS (All Faculties except Medicine). Last day for application for Leech and Agnew Fellowships and Hon Medical Scholarship for Women. Last day for recognition for M.Sc. Tech. (under Ord. III.) and M.Ed.</b>
2	Tu	
3	W	
4	Th	<b>SESSION BEGINS (All Faculties). Special Examination in Mechanics (Science and Medicine)</b>
5	F	
6	S	
7	S	
8	M	<b>MUSEUM STANDING COMMITTEE. Examinations begin for D.P.H. (Part I.) and for D.V.S.M.</b>
9	Tu	
10	W	
11	Th	<b>Examinations begin for D.P.H. (Part II.)</b>
12	F	
13	S	
14	S	
15	M	<b>Last day for application for additional grants for Faulkner, Beyer, and Leech Fellowships</b>
16	Tu	
17	W	<b>LIBRARY COMMITTEE</b>
18	Th	
19	F	<b>HEADS OF HALLS COMMITTEE</b>
20	S	
21	S	<b>Last day for notice and payment of fees for the December Examinations. Last day for application for Turner Medical Prize (December)</b>
22	M	
23	Tu	<b>MUSEUM COMMITTEE</b>
24	W	
25	Th	
26	F	
27	S	
28	S	
29	M	
30	Tu	
31	W	<b>Last day for application for Honorary Research Fellowships. Last day for application for Grants in Aid of Medical Research</b>

## Prefatory Note.

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The Owens College was founded pursuant to the provisions of the will of John Owens, of the City of Manchester, Merchant, who died in 1846, leaving a sum amounting to £96,654 for the foundation of a College. The greater part of this sum was invested to form an endowment for the maintenance of the College.

The College was opened in 1851 at a house in Quay Street, Manchester, formerly the residence of Richard Cobden. A Chemical Laboratory and a large Lecture Room were subsequently added.

The government of the College was originally vested in the Trustees for educational purposes under the will of John Owens. Mr. A. J. Scott was appointed Principal and continued to hold that office until 1857, when he was succeeded by Dr. J. G. Greenwood, who remained Principal for 32 years, and was succeeded by Dr. (later Sir) Adolphus W. Ward, who resigned in 1897, at the end of which year Mr. (now Sir) Alfred Hopkinson, K.C., was appointed, and continued to hold the office of Vice-Chancellor of the University until his resignation in 1913, when Professor F. E. Weiss, one of the Pro-Vice-Chancellors, was appointed Vice-Chancellor and continued in office until 1915, when Sir Henry A. Miers, F.R.S., was appointed Vice-Chancellor. The period of office of Sir Henry Miers expired in 1926, when he was succeeded by Dr. W. H. Moberly, D.S.O.

About the time that the College was transferred to its present site it was thought desirable to alter the constitution of the Governing Body.

Accordingly under Acts of Parliament of 1870 and 1871, the Owens College was incorporated. The property then vested in the trustees of the will of the late John Owens for educational purposes was transferred to the newly incorporated College.

About 1870 the buildings in Quay Street having been found quite inadequate for the growing needs of the College, an



Extension Committee was formed to raise subscriptions for a new site and buildings. A sum of about £100,000 was thus raised, the present site was acquired, and the range of buildings which forms the west side of the front quadrangle and the Chemical Laboratories were erected. The new College was opened in 1873.

Important additions have been the Medical School, described below ; the Beyer Laboratories, devoted to Geology and Zoology ; the Museum ; the Whitworth Laboratory for Engineering ; the Schorlemmer Laboratory for Organic Chemistry ; the Christie Library ; the Physical Laboratory ; the Schunck Chemical Laboratory and Library ; the Whitworth Hall, opened by H.R.H. The Prince of Wales (the present King) on the 12th of March, 1902, on the occasion of the Jubilee of the College. The Hall was enriched by a gift from the late Mrs. Rylands of a very fine organ. The growth of the Department of Engineering and the need for further accommodation for other Departments having made it necessary to provide new buildings, lecture rooms and laboratories for Engineering were erected, and formally opened by Sir Alexander Kennedy in July, 1909. Subsequently there were added the new John Morley Chemical Laboratories, opened in October, 1909, by the Right Hon. Sir Henry E. Roscoe, and the new Botanical Laboratory opened in November, 1911. The new Arts Building was opened by Lord Bryce in October, 1919. The building is designed to accommodate the teaching of Languages (Ancient and Modern), Literature, Philosophy, and History. Special laboratories erected near the new Infirmary for Bacteriological investigations and other work of the Department of Public Health were opened in 1905 ; an extension, designed to accommodate the Department of Pathology and to provide additional lecture-rooms and further facilities for research, was completed in 1928.

The extension of the Laboratories for Physics and Electro-Technics, named in memory of the late Dr. John Hopkinson, was opened in March, 1912, by Dr. A. Schuster. A further extension of the Physics Laboratories was opened by Lord

Rutherford in the autumn of 1931. New Laboratories for Metallurgy were opened in 1923, and in the same year a special Laboratory was established for research in Colloids.

In 1872 the Manchester Royal School of Medicine was Medical School amalgamated with the College, and buildings for its accommodation were provided. The first buildings on the present site were erected in 1873, and included Class and Demonstration Rooms, Dissecting Room, Laboratories, and Museum. These were enlarged in 1880 by the addition of a block of buildings on the south side of the existing block, which provided additional accommodation in the Departments of Physiology and Materia Medica. In 1894 a further addition was made consisting of large Lecture Rooms and Laboratories for the Physiological, Pathological, and Toxicological Departments, and Research Laboratories, together with a Museum for the Public Health Department, and Administrative Offices. In 1922 a complete internal reconstruction of certain parts of the Medical School was carried out and resulted in a large increase in the Anatomical, Physiological, and Pathological Departments, the provision of an X-ray room, and research laboratories. Clinical instruction is given in the Manchester Royal Infirmary, and in special subjects in other hospitals. In 1925 a Laboratory for Clinical Research and investigation was opened at the Royal Infirmary. In 1929 the Department of Pathology moved to new premises in York Place and accommodation in the Medical School buildings was thus provided for Pharmacology. A Department for Cancer Research was also set up, and more accommodation provided for the departments of Anatomy and Physiology. In 1930 new Laboratories were provided for Pharmaceutical Chemistry and Galenical Pharmacy, and the Medical Library, which had been the joint property of the Manchester Medical Society and the University, was formally handed over to the University.

The Dental Hospital of Manchester was founded in 1884. In Dental Hospital 1909 the present building in Oxford Road was erected.

From its inception, until 1933, the Hospital was governed by a Charity Trust, but on April 10th, 1933, by an order of the Chancery Court, the control of the Hospital was transferred to the University. In the same year a Chair of Dental Surgery was established and Mr. F. C. Wilkinson, M.D., B.D.S., D.D.Sc. was appointed as the first Professor of Dental Surgery and Director of the Dental Hospital. The Hospital provides gratuitous advice and aid for poor or deserving patients, and also instruction for students preparing for the Dental degrees and diploma of the University and for the L.D.S. diploma of the Royal College of Surgeons of England and of other licensing bodies.

The  
Christie  
Library

The collection of books in the Christie Library, which now numbers 256,013 volumes, exclusive of those permanently transferred to various Departments of the University, has been formed partly by the purchase of books under grants made from year to year out of general income, partly by donations from individuals and public bodies, and partly by the bequest or presentation of private libraries, such as the libraries of Dr. Christie, Bishop Prince Lee, Dr. E. A. Freeman, Dr. Angus Smith, Professor Milnes Marshall, Professor R. Adamson, Professor Marillier, Professor Jevons, Mr. W. T. Arnold, Mr. John Finlayson, the Manchester Goethe Society, the Manchester Branch of the Teachers' Guild, and part of the library of Professor Strachan. Special funds have also from time to time been given of which the interest and part of the capital have been used from year to year in enriching the Library in special subjects ; among such funds may be mentioned : The C. J. Darbishire Fund, The Oliver and C. J. Heywood Fund, The Schwabe Fund, The Gaskell Fund, The Samuel Robinson Bequest, The Spenser Society's Donation, The Whitworth Endowment Fund, The Platt Fund, The Greenwood Memorial Fund, The Hager Memorial Fund, and a gift by an anonymous Donor. Several of these funds are now exhausted, but they are represented by a large number of books of permanent value in the Library. The Library building has been erected by the munificence of Mr. Richard

Copley Christie, formerly Professor of History in the College. The Christie Library consists of a large reading room, open to members of the University and to others who obtain an order for the purpose; a large upper room containing works on various branches of Science, and seven small rooms on the ground floor devoted respectively to History, Law, Modern Languages, Theology, Classics, Economics, and Philosophy. An extension of the Library building, which was undertaken so as to provide proper accommodation for the staff, an additional reading room, and book-storage, was opened by the Chancellor of the University in January, 1914. A further extension to provide additional accommodation for storage was completed in February, 1927.

The Medical Library contains 68,000 volumes and receives the usual journals, transactions of medical societies, and other periodical publications. The Library, the greater part of which formerly belonged to the Manchester Medical Society, has been enriched by the gifts of the medical library of the Manchester Royal Infirmary and of the Radford Library at St. Mary's Hospital. The Medical Staff of St. Mary's Hospital have access to these books whenever required. The  
Medical  
Library

In the years 1868-69 the Manchester Natural History Society and the Manchester Geological Society transferred their collections to the College, and gave the proceeds of the sale of the building in Peter Street, in which their collections were then placed, to form the basis of an endowment fund. With the assistance of this and other funds, the College in the years 1884-88 erected the present Museum buildings. A generous donation by the late Mr. Jesse Haworth, supplemented by a fund raised from subscriptions, made possible a considerable extension of the Museum buildings fronting Oxford Road, so as to provide better accommodation for the Egyptian and Geological collections; this building was opened in 1912. A further extension, the cost provided by an additional large gift from Mr. Jesse Haworth and a legacy under his will, was opened to the public in November, 1927. In it are displayed the exhibits illustrating Ethnology, Numismatics, and general Archæology. The  
Manchester  
Museum

The collections have been enriched from time to time by various gifts. Of special importance are the famous "Dresser" collection of Birds, which was acquired through the liberality of an anonymous friend of the College in 1899, the collections of Lepidoptera and Mollusca presented by Mr. C. H. Schill in 1900, the valuable Herbarium for the most part presented in 1904 by the late Mr. J. Cosmo Melvill who bequeathed the remainder of his collections to the Museum, the Herbarium and collection of Botanical Books received as part of the bequest under the will of the late Professor Thomas Barker in 1908, the Charles Bailey Herbarium and Botanical Library, a valuable collection given in 1917 by the late Mr. Charles Bailey, the J. W. Sidebotham collection of British Lepidoptera given in 1917, the large and well-selected series of Egyptian Antiquities secured for the Museum through the generosity of the late Mr. Jesse Haworth, the extensive collections in Classical Archaeology given and bequeathed in 1926 by the late Mr. W. Sharp Ogden, the Churchill collection of coins, containing a large number of valuable specimens, presented in 1912 by the late Mr. W. S. Churchill, formerly a member of the Museum Committee, the exceedingly rich and valuable ethnographical collections accumulated through many years by the late Mr. Charles Heape and presented by him to the Museum in 1923, the J. S. Morley collection of North American Birds, given by Mr. L. E. Mather in 1932, the Krah collection of British and European Lepidoptera given in the same year by Mr. H. Britten, and a large selection of books and lantern slides from the library and collections of the late Mr. T. A. Coward, given by Mrs. Coward in 1933.

The management of the Museum is vested in a Committee, which includes representatives of the City Council, of the leading Manchester scientific societies, and of the subscribers, as well as of the University. The Professors of Geology, Zoology, and Botany exercise an oversight over the scientific arrangement of parts of the collections, and the general practical management of the Museum is entrusted to the Keeper, who is assisted by a staff of five scientific workers. The Museum is open to the public

at the hours specified in the regulations (see page 387). An extensive course of free popular lectures is given every session in connection with the Museum in one of the University Lecture Theatres, and evening Demonstrations are given from time to time in the Museum galleries. On Saturday afternoons the Museum is constantly visited by parties—largely members of Societies from the surrounding districts—who are shown some section of the Collections by the staff.

During and since the War large numbers of children from elementary schools have received instruction in the Museum. Five teachers are fully occupied daily in this important work, dealing with a hundred classes each week.

For the benefit of students living at a distance from Manchester nine Halls of Residence have been licensed. Dalton Hall, Hulme Hall, and St. Anselm Hall in Victoria Park, the Lancashire Independent College in Whalley Range, and the Unitarian College in Victoria Park, for Men students: Langdale Hall and St. Gabriel's Hall in Victoria Park, for Women students, are licensed by the University, but are under independent management. Ashburne Hall on the Edward Behrens Estate in Fallowfield, and the Ellis Llwyd Jones Hall in Old Trafford, for Women students, are the property of the University, and are managed by Delegacies appointed by the Council.

The development of the University rendered necessary enlarged premises for the Men's Union, the Women's Union, and the Refectory. A building containing the required accommodation was erected, and was opened by the Chancellor in April, 1909.

The Gymnasium, erected in 1896, which was the gift of the late Sir Edward Holt, Bart., has been taken down and re-erected on a site which belongs to the University in Burlington Street.

The devisees of Sir Joseph and Lady Whitworth gave about ten acres of land on the Firs Estate at Fallowfield as a recreation ground for cricket, football, and other games, and a large pavilion was erected on it by the late Sir Edward

Tootal Broadhurst, as one of Lady Whitworth's legatees. This ground was opened for use at the beginning of the session 1901-2.

The rest of the Firs Estate, consisting of about 28 acres, was subsequently transferred to the College. The pavilion was greatly extended in 1923.

**Jubilee of  
Owens  
College**

The Jubilee Year of the College was commemorated in 1902 by the raising of a fund amounting to £102,500, out of which debts of the College were paid, and, after making provision for some important objects, the general endowment was increased.

**The  
University**

As far back as the seventeenth century an effort had been made to establish a University in Manchester, and from the first foundation of the College the founder had contemplated that the instruction given should be "in such branches of learning and science as are usually taught in the English Universities." Having regard to the character of instruction so given, in accordance with the founder's will, and to the growth of the teaching staff and the number of students, the authorities of the College in the year 1879 applied for the grant of a University Charter. As a result of this movement the Victoria University was founded by Royal Charter, dated 20th April, 1880, and thereby Owens College was constituted a College of the University. Clauses were inserted in the Charter providing for the admission by the University of other colleges which might satisfy certain conditions. Under these clauses the University College, Liverpool, was admitted as a College of the University on the 5th November, 1884, and the Yorkshire College, Leeds, was admitted on the 3rd November, 1887. It was provided by the Charter that the University should have its seat in Manchester, and that the meetings of the University Court and Council and of the Convocation should be held in the City of Manchester.

By a subsequent Charter, dated 20th March, 1883, power was given to the University to confer degrees in Medicine and

Surgery, a power which had been excepted from the original Charter. Since its foundation large numbers of students have entered for courses of study qualifying for these degrees.

The seventh Duke of Devonshire was named as the first Chancellor. He was succeeded in 1891 by the fifth Earl Spencer, who resigned in 1907, and was succeeded by the eighth Duke of Devonshire, who had held the position of President of the College since the death of his father in 1891. On the death of the eighth Duke of Devonshire, Viscount Morley of Blackburn was elected Chancellor. In 1923, Lord Morley resigned on account of ill-health and advancing years, and was succeeded by the twenty-seventh Earl of Crawford and Balcarres.

University College, Liverpool, having applied for the foundation of a separate University in that city, the Owens College presented a petition that the Victoria University might be continued, with a revised constitution and the title Victoria University of Manchester, as an independent University in Manchester. The Privy Council advised that both petitions should be granted, and the new Charter of the Victoria University was issued on the 15th of July, 1903.

On the 25th April, 1904, a Charter was granted for the establishment of a University of Leeds. On the 24th June, 1904, an Act for the Incorporation of the Owens College with the Victoria University of Manchester received the Royal Assent.

A proviso was inserted in the Charter to safeguard the interests of students of University College, Liverpool, and Yorkshire College, Leeds, under the old constitution (see Charter, page 27).

Under the present constitution the Authorities of the University are :

1. The Chancellor.
2. The Vice-Chancellor.
3. The Pro-Vice-Chancellors.



4. The Court of Governors, which now consists of 112 members.
5. The Council, which is the Executive Body, and consists of 26 members (including 4 representatives of the Senate and 2 of the members of the Boards of Faculties).
6. The Senate, which now consists of 51 members.
7. The Boards of Faculties, as originally constituted by the Charter, were Arts, Science, Law, Medicine, and Music. The Faculties of Commerce and Administration, Theology, Technology, and Education have been subsequently added. The greater part of the work for the degree in Technology is done at the Manchester Municipal College of Technology.
8. Convocation, which now consists of about 8,220 members.

Jubilee of the  
University

The Jubilee of the University was celebrated in 1930, when a special Congregation for the conferment of Honorary Degrees was held.

Elementary  
and  
Secondary  
Training  
Department

In 1890 a Training College for Men and in 1892 a Training College for Women were established in connection with the Owens College. The numbers of students in the Department of Education in the session 1932-33 were men, 217 ; women, 203. Practice in teaching has been given in various Schools in the City and district. A Chair of Education was endowed by the late Mrs. Sarah Fielden.

Education  
of the Deaf

By the munificence of the late Sir James E. Jones, LL.D., the University established in connection with the Faculty of Education a department for training teachers of the deaf, since re-named the Department of Education of the Deaf. In addition to endowing the Department, Sir James E. Jones presented to the University a Hall for the residence of the teachers in training in it. The Hall is named the Ellis Llwyd Jones Hall after the donor's son, in whose memory the endowment was presented to the University. The usefulness of the department was greatly increased by assistance given by the Carnegie United Kingdom Trust in the establishment of a special library in the University which is available for teachers and others interested in the education and welfare of the deaf.

The University since its new Charter has established degrees in Commerce and Administration, Theology, Dentistry, Education, and in 1905, on the establishment of the Faculty of Technology, the work of University standard at the Municipal School of Technology was included in the University, and degrees and certificates in Technology were instituted. In addition to the Teacher's Diploma and the Diploma in Public Health, which were already in existence, a Diploma in Veterinary State Medicine, a Diploma in Dentistry, and more recently Diplomas in Psychological Medicine, in Bacteriology, in Geography, in Social Study, and in Pathology, have been instituted.

Later  
Developments

In 1918 the degree of Doctor of Philosophy, designed to promote advanced study and research in various Faculties, was instituted.

Owing to the growing demands on the University departments and the importance of strengthening the facilities for teaching and advanced study a number of new Chairs were instituted in the University in the session 1918-19 and in the following sessions. Two of these Chairs were established mainly through the generosity of donors, that of Russian largely endowed by the late Sir William Mather, and the Chair of Italian established with the help of a generous benefaction from the late Mr. Arthur Serena. The remaining Chairs instituted were a Second Chair in French, a Chair of Psychology, a Second Chair of Mathematics in the Faculty of Science, a Chair of Textile Technology in place of the former Lectureship in this subject, and a Chair of Commerce and Administration. The Chair of Comparative Religion was restored in 1923, and that in Ancient History in 1929. In 1930 a Chair of Geography was instituted. In 1933 the Chair of Organic Chemistry was restored and a Chair of Physical Chemistry was instituted : in the same year a Chair of Dental Surgery was established.

In December, 1914, after the outbreak of the War, the University obtained from the Privy Council power to waive the requirement of the statutes as to the period of study after matriculation and before graduation. Further, the University amended the conditions in such a way as would prevent, as far as possible, any member of the University from being placed at a disadvantage

through going on active service, undertaking other approved duties in connection with national defence during the War, or from internment as civilian prisoners in any enemy country. Ordinances were passed empowering the Senate to accept a certain period of War Service in lieu of a portion of the three years' course, and to waive the full requirements of the existing Ordinances in any Faculty or Department, except that of Medicine, as to the passing of examinations or as to the order in which examinations are to be taken. The tenure of scholarships was also postponed in the case of many students who were engaged in national defence and approved War Service.

Throughout the Great War a large number of the students and of the members of the Teaching Body, and of the clerical and service staffs served with the Forces of the Crown—no less than 370 past and present members of the University lost their lives in the war. A Roll of Honour has been published by the University Press. During the continuance of the war valuable contributions were made to the defence of the country by the University and especially by the scientific and technological staffs. The Athletic Grounds were occupied by a Military Hospital during the session 1918–19.

In December, 1919, an appeal for Funds was made to enable the University to carry on its work and a sum of more than £250,000 was raised.

Through the generosity of the Cassel Trustees, a Lectureship in Spanish was instituted in the session 1920–21, thus meeting a great need of students in the Faculties of Arts and of Commerce and Administration. An Honours School of Spanish Studies was established in 1930.

With the help of a grant from the Boxer Indemnity Fund, the teaching of Chinese, which had been in abeyance since 1926, was revived in 1933, when a Readership in Chinese Language and Social Economy was instituted.

NOTE.—Full particulars concerning the developments which have taken place and the work of the University generally during the session will be found in the Vice-Chancellor's Annual Statement (see page 886).

## Charter of the Victoria University of Manchester.

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**Edward VII.** by the Grace of God of the United Kingdom of Great Britain and Ireland and of the British Dominions beyond the Seas King Defender of the Faith.

**To all to whom** these Presents shall come greeting :

**Whereas** by Charter of Her late Majesty Queen Victoria dated the 20th April 1880 the Victoria University was founded and constituted having its seat in the City of Manchester.

**And whereas** the Owens College Manchester was thereby constituted a College in the University and provision was made that other Colleges might from time to time be admitted as Colleges in the University in the manner and subject to the conditions therein prescribed.

**And whereas** it was thereby provided that meetings of the University Court and Council and of the Convocation of the University should be held in the City of Manchester.

**And whereas** Charters of Her late Majesty dated respectively the 20th March 1883 and the 3rd June 1898 were granted supplemental to the said Charter.

**And whereas** the University College Liverpool was by resolution of the Court of the University admitted as a College in the University on the 5th November 1884 and the Yorkshire College Leeds was by resolution of the said Court admitted as a College in the University on the 3rd November 1887 but no other College has been so admitted.

**And whereas** the said University College Liverpool has recently presented to Us in Our Council a humble Petition under the Common Seal of that College praying Us to erect within the City of Liverpool a University for the advancement of knowledge the diffusion and extension of arts science and learning the provision of Liberal and Professional education and the furtherance of the objects for which the University College was incorporated by Her late Majesty.

**And whereas** the Owens College Manchester has presented to Us in our Council a humble Petition under the Common Seal of that College praying that a new or supplemental Charter may be granted so as to constitute and continue the Victoria University as a University in Manchester in association with the Owens College alone.

**And whereas** the Victoria University has presented to Us in Our Council a humble Petition praying Us to hear and determine the question whether the three before-mentioned Colleges are to remain as Constituent Colleges of the Victoria University or whether there shall be a separate University in Liverpool and a University in Manchester without liability to admit or remain in association with any other College than the Owens College and also a University established having its seat in Leeds.

**And whereas** We have taken the said Petitions into Our Royal consideration and are minded to accede thereto.

Now therefore know ye That We by virtue of Our Royal Prerogative and of all other powers in that behalf enabling Us of Our Special Grace certain Knowledge and mere Motion by these Presents Do for Us Our Heirs and Successors grant will direct and ordain as follows :—

I. **The** Victoria University constituted by the Charters granted by Her late Majesty as aforesaid (herein referred to as the University) shall hereafter be called and known as the "Victoria University of Manchester" having its seat in the City of Manchester and under the name and style of "The Victoria University of Manchester" shall remain and continue one body politic and corporate with perpetual succession and a Common Seal and with full power and capacity by and in such name to sue and be sued and without any further licence to take by gift or otherwise purchase and hold and also to grant demise and otherwise dispose of real and personal property and other the powers in this Our Charter prescribed and ordained free from liability to admit or remain in association with any College other than the Owens College and (during the term hereinafter mentioned) the Yorkshire College but subject to the regulations and conditions or restrictions herein set forth. Such powers regulations and conditions or restrictions shall be deemed and taken to be as from the date of this Our Charter in substitution for those contained in the Charters granted by Her late Majesty as aforesaid except as herein otherwise provided.

## II. The University shall have the powers following :—

- (1) To grant and confer Degrees and other academic distinctions to and on persons who shall have pursued an approved course of study in the University and shall have passed the examinations of the University under conditions laid down in its Statutes or Ordinances. **Provided that** Degrees representing proficiency in technical subjects shall not be conferred without proper security for testing the scientific or general knowledge underlying technical attainments.
- (2) To admit graduates of other Universities to Degrees of equal or similar rank in the University.
- (3) To confer Degrees of the University on any persons who hold office in the University as Professors Readers Lecturers or otherwise or who shall have carried on independent research therein or on any persons who at the date of this Our Charter are Associates of the Owens College.
- (4) To grant Diplomas or Certificates to persons who have pursued a course of study approved by the University under conditions laid down by the University.
- (5) To confer Honorary Degrees or other distinctions on approved persons. **Provided that** all Degrees and other distinctions shall be conferred and held subject to any provisions which are or may be made in reference thereto by the Statutes Ordinances or Regulations of the University.
- (6) To provide for instruction in such branches of learning as the University may think fit and also to make provision for research and for the advancement and dissemination of knowledge.
- (7) To examine and inspect schools and other educational institutions and grant Certificates of Proficiency and to provide such lectures and instruction for persons not members of the University as the University may determine.
- (8) To accept the examinations and periods of study passed by students of the University at other Universities or places of learning as equivalent to such examinations and periods of study in the University as the University may determine and to withdraw such acceptance at any time.

- (9) To affiliate other institutions or to admit the members thereof to any of its privileges and to accept attendance at courses of study in such institutions in place of such part of the attendance at courses of study in the University and upon such terms and conditions and subject to such Regulations as may from time to time be determined by the University.
- (10) To accept courses of study in any other institution which in the opinion of the University possesses the means of affording the proper instruction for such courses and to withdraw such acceptance at any time. **Provided that** in no case shall the University confer a Degree in Medicine or Surgery upon any person who has not attended in the University during two years at least courses of study recognised for such Degree or for one of the other Degrees of the University.
- (11) To co-operate by means of Joint Boards or otherwise with other Universities and Authorities for the conduct of matriculation examinations for the examination and inspection of schools and other academic institutions and for the extension of University teaching and influence in academic matters and for such other purposes as the University may from time to time determine.
- (12) To enter into any agreement with the Owens College for the incorporation of that College in the University and for taking over its property and liabilities and if necessary to promote a Bill in Parliament to confirm or carry out any such agreement.
- (13) To enter into any agreement with any other institution for the incorporation of that institution in the University and for taking over its property and liabilities and for any other purpose not repugnant to this Our Charter.
- (14) To enter into any agreement with the University of Liverpool or with the Yorkshire College or any University which may be established in association with that College for the division or apportionment of any of the moneys endowments or property of the Victoria University with due regard to the local origin of any particular foundation to the wishes of the Donors and other special circumstances and for reference to an Arbitrator in case of difference.

- (15) To institute Professorships Readerships Lecturerships Teacherships and any other offices required by the University and to appoint to such offices.
- (16) To institute and award Fellowships Scholarships Exhibitions and Prizes.
- (17) To license Halls for the residence of Students.
- (18) To do all such other acts and things whether incidental to the powers aforesaid or not as may be requisite in order to further the objects of the University as a Teaching and Examining Body and to cultivate and promote Arts Science and Learning.

III. **It** shall be the duty of the University to co-operate by means of a Joint Board or otherwise with the Universities established or to be established in Liverpool and in Yorkshire for the regulation and conduct of Matriculation examinations including the conditions of exemption therefrom.

Statutes of the University shall prescribe and regulate the constitution and duties of the said Joint Board the appointment and continuance in office of the members thereof the filling of vacancies among the members and all other matters relative to the Joint Board which may be deemed proper to be so regulated and prescribed.

#### *Visitor.*

IV. **We** reserve to Ourselves Our Heirs and Successors to be the Visitor and Visitors of the University through the Lord President of Our Council for the time being and in the exercise of the visitatorial authority We and Our Heirs and Successors shall have the right from time to time and in such manner as We or They shall think fit to direct an inspection of the University its buildings laboratories and general equipment and also the examinations teaching and other work done by the University.

#### *Authorities of the University.*

V. **The** Authorities of the Universities shall be the Chancellor the Vice-Chancellor two Pro-Vice-Chancellors the Court the Council the Senate the Boards of Faculties and the Convocation. There shall also be a Treasurer and other proper officers of the University.

#### *The Chancellor.*

VI. **The** Chancellor shall be the Head and Chief Officer of the University and may preside over its meetings. He shall hold office during his life or until his resignation.

On a vacancy arising the Chancellor shall be elected by the Convocation of the University.



*The Vice-Chancellor.*

VII. **In** the absence of the Chancellor the Vice-Chancellor shall exercise all the functions of the Chancellor except the hearing of appeals under any of the provisions of this Our Charter and the appointment of members of the University Court.

Our trusty and well-beloved ALFRED HOPKINSON Principal of the Owens College one of Our Counsel learned in the law is and shall be the Vice-Chancellor of the University and shall hold office during his life or until he shall resign his office or become incapable to act. His successors shall from time to time be appointed by the University Court after report from and nomination by the University Council who before reporting shall consult the Senate and they shall hold office for such period and under such conditions as shall be determined by the University. The capacity of the Vice-Chancellor to act shall not be affected by any vacancy occurring in the office of Chancellor.

*The Pro-Vice-Chancellors.*

VIII. **Subject** to the Statutes and Ordinances of the University and in the absence of the Vice-Chancellor either of the Pro-Vice-Chancellors may act as Vice-Chancellor. The Pro-Vice-Chancellors shall from time to time be appointed by the Council from members of the Senate.

*The University Court.*

IX. **The** University Court (hereinafter referred to as the Court) shall consist of the following persons namely :—

The Chancellor.

The Vice-Chancellor.

The Pro-Vice-Chancellors.

The Lord Mayor of Manchester.

The Chairman of the County Council of Lancashire.

Five persons appointed by the Lord President of Our Council.

Three persons appointed by the Chancellor.

Three representatives appointed by the Corporation of the City of Manchester.

A representative appointed by the Corporation of the County Borough of Salford.

Three representatives appointed by the County Council of Lancashire.

Representatives of such other Counties and County Boroughs as the Court shall determine.

Representatives (not exceeding five in all) of such other Universities and of such affiliated and other Institutions as the Court shall determine.

Six representatives of the Senate.

Two representatives of members of the Boards of Faculties who are not members of the Senate.

Ten representatives of Convocation.

A representative elected in such manner as the Court shall determine by the Wardens or other chief officers of the Halls of Residence licensed by the University.

All present members of the Court and Council of the Owens College and all present members of the University Court who are not included under any of the foregoing denominations and who are not excluded under Articles XX. and XXI. of this Our Charter and such persons as the Court may from time to time by co-optation or otherwise admit or appoint to succeed them or any of them.

Additional members not exceeding three in number to be admitted by co-optation.

(The Yorkshire College while continuing to be a College of the University shall be represented on the Court as provided by Article XXI. of this Our Charter.)

The Court shall have power by Statute to increase or diminish the number of its members by increasing or diminishing the number to be nominated by the persons or bodies aforesaid respectively or by adding representatives of other bodies or in any other manner.

The first members of the Court are named or referred to in the First Schedule hereto. Except as herein provided and subject to the Statutes of the University the Court may determine all matters relating to the appointment and election of future members of the Court and their respective periods or terms of office and all other matters relating to the constitution of the Court.

#### *Powers of the Court.*

X. **The** Court shall be the governing body of the University and shall direct the form custody and use of the Common Seal and shall have power to regulate and determine all matters concerning the University and generally shall exercise all the powers and discretions of the University except as otherwise provided by this Our Charter or by the Statutes.

The Statutes set forth in the Second Schedule hereto shall be the first Statutes of the University under this Our Charter. The Court may amend add to or repeal the Statutes for the time being in force (including those set forth in the Second Schedule hereto) but no such amendment addition or repeal shall be valid or operative until allowed by Us in Council or by a Committee of Our Privy Council.

Ordinances may be made by the Court for the regulation of all matters not required by this Our Charter to be dealt with by Statute.

The Statutes of the Victoria University in force at the date of this Our Charter shall cease to be Statutes of the University but in so far as they are not contrary to or at variance with the provisions of this Our Charter or the Statutes for the time being in force under this Our Charter they shall be operative as Ordinances of the Court and shall be subject to amendment or alteration or repeal by the Court without further allowance or consent by Us.

**Provided** (1) that it shall not be lawful for the Court by any Statute or otherwise to adopt or impose on any person any test whatever of religious belief or profession in order to entitle him or her to be admitted as a Professor Teacher Student or Member of the University or to hold office therein or to graduate thereat or to enjoy or exercise any privilege thereof.

**Provided** (2) that any Statute or Ordinance made by the Court be not repugnant to the Laws of this Realm or to the general objects of this Our Charter.

**Provided** (3) that Ordinances relating to Degrees studies and examinations shall not be made without report from the Senate.

**Provided** (4) that no change shall be made in any Statute or Ordinance altering the status powers or constitution of any of the Authorities of the University until such Authority shall have had an opportunity of pronouncing an opinion upon the proposed change.

The Court shall have power to deprive any Graduaté or Graduates of the University who shall have been convicted of a crime or offence or shall in the opinion of the Court have been guilty of scandalous conduct of any Degree or Degrees conferred by the University and of all privileges enjoyed by him her or them as such Graduate or Graduates as aforesaid.

The acts or proceedings of the Court shall not be invalidated by any vacancy among its members.

**XI. Every** Statute or alteration of a Statute and every Ordinance or alteration of an Ordinance relating to any of the matters following that is to say :—

- (a) The titles of Degrees
- (b) The establishment of new Degrees
- (c) The periods of residence and study in the University or in any affiliated or recognised institution required for Degrees
- (d) The conditions under which Degrees higher than the Degree of Bachelor in any Faculty are to be granted
- (e) The courses for medical Degrees and the subjects of examinations

shall before such Statute or alteration of a Statute shall be allowed and before such Ordinance or alteration of an Ordinance shall become operative and have effect be communicated to the Universities established or to be established in Liverpool and Yorkshire and if within one month after the receipt of such communication notice of objection thereto shall have been given by the said Universities or either of them the question so arising shall be considered by a Joint Committee of the three Universities and in default of agreement any of the said Universities may within one month make a representation in regard thereto to Us in Council and in the event last mentioned such Statute or Ordinance or alteration therein shall not become operative and have effect until allowed by Us by and with the advice of our Privy Council.

Statutes of the University shall prescribe and regulate the constitution and appointment of the said Joint Committee and all other matters relating to the said Committee which may be deemed proper to be so prescribed and regulated.

Until a Charter shall be granted incorporating a University in Liverpool this clause shall read and be construed as if University College Liverpool were substituted therein for the University established or to be established in Liverpool and until a Charter shall be granted incorporating a University in Yorkshire this clause shall read and be construed as if the Yorkshire College were substituted therein for the University established or to be established in Yorkshire.

*The University Council.*

**XII. The** University Council (hereinafter called the Council) shall consist of the Chancellor the Vice-Chancellor of four at least of the members of the Senate who are members of the Court and of such other members of the Court chosen in this behalf by the Court as shall by Statute be determined

provided that at least one member shall be chosen from the members of the Court appointed by the Lord President of Our Council at least two members from the representatives of Convocation on the Court and at least one member from the representatives of the Corporation of the City of Manchester on the Court.

Subject to the provisions herein contained the Court may by Statute increase or diminish the number of the Council from time to time.

The respective periods of office of the members of the Council shall be determined by Statute.

(The Yorkshire College while continuing to be a College of the University shall be represented on the Council as provided by Article XXI. of this Our Charter.)

#### *Powers of the Council.*

XIII. **The** Council shall be the Executive Body of the University and may exercise and do such of the powers authorities and things by this Our Charter granted to or authorised to be done by the Court as are or shall from time to time be assigned to the Council by Statute or by the Court except the election of the Vice-Chancellor and the election of members of the Court to be members of the Council and the hearing of Appeals.

The Council shall have power to draft Statutes and Ordinances as and when they see fit and to submit the same to the Court for consideration and enactment.

The acts of the Council shall not be invalidated by reason of any vacancy among its members.

#### *The Senate.*

XIV. **The** Senate of the University shall consist of the Vice-Chancellor and the Professors of the University and of such other members of the Boards of Faculties hereinafter mentioned as the Court may after report from the Senate appoint provided that the number of such other members appointed shall not exceed three and that they shall hold office for such term only as the Court shall determine.

The Professors of the University within the meaning of this Our Charter shall include those persons who have been appointed by the Council as such and also the Professors of the Owens College at the date of this Our Charter.

The Senate shall subject to the Statutes and Ordinances of the University and subject also to review by the Court have the control and general regulation of the instruction and education

within the University and shall have power to discuss and pronounce an opinion on any matter whatsoever relating to the University and such other powers and duties as may be conferred upon it by Statute or Ordinance.

### *Faculties.*

**XV. The University** shall include the Faculties of Arts Science Law Medicine Music and Technology and such other Faculties as may from time to time be constituted by the University. A Board of each Faculty shall be constituted with such powers as may be prescribed by Statute.

There shall be a Dean of each Faculty who shall be elected and shall hold office as shall be prescribed by Statute or Ordinance.

Each Faculty subject to control by the Senate shall be responsible for the courses of Study in the subjects assigned to the Faculty by the Senate and shall have such other powers and duties as are conferred upon it by Statutes or Ordinances.

There shall be a General Board of Faculties consisting of all the members of the several Boards.

### *Convocation.*

**XVI. The Convocation** shall consist of the Chancellor the Vice-Chancellor the Pro-Vice-Chancellors the members of the Senate the members of Board or Boards of Faculties the University Fellows and the registered Graduates of the University.

All Graduates of the University of such standing as shall be determined by Convocation or who hold or have held a University Fellowship or any teaching appointment in the University and who are not at the date of this Our Charter registered as members of Convocation shall be entitled to register on such conditions as to fees as the Court may prescribe.

Provided that a holder of an *ad eundem* or Honorary Degree shall not as such without the consent of the Convocation in each case be entitled to register.

### *Powers of Convocation.*

**XVII. Convocation** shall have the following powers :—

To elect the Chancellor of the University on any vacancy.

To elect representatives as members of the Court.

To elect its own chairman who shall in the absence of the Chancellor preside at its meetings.

To discuss and pronounce an opinion on any matter whatsoever relating to the University including any matters referred to them by the Court or the Council.

To prescribe the mode of conducting the proceedings of Convocation and of registering the same and of reporting the same to the Court Council and Senate or any of them.

To enter into communication directly with the Court Council or Senate on any matter affecting the University.

*Regulations as to Procedure.*

XVIII. **The** Court the Council the Senate the Boards of Faculties and Convocation respectively may from time to time make regulations for governing their proceedings respectively subject to this Our Charter and to the Statutes and Ordinances of the University.

*Special Committees for Advice and other Purposes.*

XIX. **The** Court may from time to time appoint special advisory Committees consisting of members of the University and also if the Court shall think fit of persons who are not members of the University and may delegate to such Committees such duties as it thinks fit as regards financial administrative or other matters affecting the University or any particular Faculty or Department or the management or supervision of any buildings or property of the University.

*Provisions as to the Colleges.*

XX. **The** University College Liverpool shall on the First October 1903 cease to be a College of the University and the members of the Court and Council respectively representing or elected by that College shall cease to be members of the Court and Council respectively and the Professors Readers and Lecturers of that College shall cease to be Professors and Lecturers of the University or to be by virtue of their Office Examiners of the University.

XXI. **On** the First day of October 1904 or on the grant of a Charter establishing a University having its seat in Leeds or elsewhere in Yorkshire which shall first happen the Yorkshire College shall cease to be a College of the Victoria University of Manchester and the members of the Court and Council respectively representing or elected by that College shall cease to be members of the Court and Council respectively and the Professors Readers and Lecturers of that College shall cease to be Professors and Lecturers of the University or to be by virtue of their office Examiners of the University.

In the meantime and until such cesser the Yorkshire College shall be represented on the Court and the Council respectively as at the date of this Our Charter that is to say on the Court by three representatives chosen by the Senate of the Yorkshire College and six representatives chosen by the Court of Governors of such College and on the Council by six representatives three of whom shall be Professors of the Yorkshire College.

The Professors Readers and Lecturers of the Yorkshire College who are Professors and Lecturers of the University shall continue in the meantime and until such cesser to be Professors and Lecturers of the University but shall not after the date of this our Charter be members of the Senate or of the Boards of Faculties of the University.

### *Examiners and Examinations.*

XXII. **All** examinations held by the University shall be conducted in such manner as the Statutes and Ordinances shall prescribe provided that at least one external and independent Examiner shall be appointed by the Council for each subject or group of subjects forming part of the course of studies required for University Degrees but this limitation shall not apply to examinations for admission or entrance to the University.

**Provided that** in case of a vacancy occurring in or during any examination or other emergency the Vice-Chancellor shall have power to appoint a substitute for that examination.

### *General Provisions.*

XXIII. **All** Students of University College Liverpool who on the First October 1903 are matriculated students of the University and all students of the Yorkshire College who are matriculated students of the University at the time when such College ceases to be a College of the University shall have the option in the Faculties of Arts Science Law and Music for the period of three years and in the Faculty of Medicine for the period of five years from such dates respectively of proceeding to the Degrees of the University on the same terms and conditions and subject to the same Statutes and Regulations as are in force at the date of this Our Charter unless the Statutes or Regulations relating to the same respectively shall be altered in the case of the Students of the Yorkshire College with the consent of the majority of the representatives of such College on the University Court.

For the purposes of this provision the General Board of Studies of the Victoria University as at present constituted



shall until such date or time continue to exist and exercise its powers. From the date or time when each College ceases to be a College of the University it shall be represented on the General Board of Studies by its Professors in the Faculties above-named or their successors until the expiration of the period or periods above mentioned but no member of the General Board of Studies shall in virtue of his office as such member be a member of any of the Boards of Faculties hereby constituted.

XXIV. **All** the Degrees and courses of study of the University shall be open to women subject to such conditions and Regulations as the Court may by Ordinance and subject to the Statutes prescribe and women shall be eligible for any office in the University and for membership of any of its Constituent Bodies.

XXV. **The** University may from time to time found and endow Fellowships Scholarships Exhibitions and other Prizes for which funds or property may by bequest donation grant or otherwise be provided and may make Regulations respecting the same and the tenure thereof but except as aforesaid and except by way of prize or award the University shall not make any gift division or bonus in money unto or between any of its members.

XXVI. **In** addition to the value of the buildings lands and premises of the University used and occupied for the immediate purposes thereof the University shall have power to hold lands tenements and hereditaments of an annual value not exceeding in the aggregate at the time or respective times of the acquisition of the same the sum of £50,000.

XXVII. **The** University may demand and receive such fees as the Court may from time to time appoint.

XXVIII. **The** Court may from time to time alter amend or add to these Presents by a Special Resolution in that behalf and such alteration amendment or addition shall when allowed by Us by and with the advice of Our Privy Council become effectual so that these Presents shall thenceforward continue and operate as though they had been originally granted and made as so altered amended or added to. This Article shall apply to this Charter as altered amended or added to in manner aforesaid.

XXIX. **A** Special Resolution is a Resolution passed at one meeting of the Court and confirmed at a subsequent meeting held not less than one calendar month nor more than three calendar months after the former provided that the Resolution

be passed at each meeting by a majority of not less than three-fourths of the Members of the Court present and voting.

XXX. In this Our Charter "Statutes" mean the Statutes set forth in the Second Schedule hereto and any Statutes altering amending adding to or repealing the same or any of them which may hereafter be made and may be allowed by Us in Council or by a Committee of Our Council.

"Ordinances" mean Acts of the Court under the powers conferred by this Our Charter to which Our further sanction is not hereby or by Statute required.

"Regulations" except when otherwise required by the context mean Regulations made pursuant to this Our Charter or the Statutes.

XXXI. Our Royal Will and pleasure is that this Our Charter shall always be construed and adjudged in the most favourable and beneficial sense for the best advantage of the University and the promotion of the objects of this Our Charter as well in all Our Courts as elsewhere notwithstanding any non-recital mis-recital uncertainty or imperfection herein.

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## THE FIRST SCHEDULE.

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(Here follows a list of the members of THE UNIVERSITY COURT, see *Calendar*, 1907-8, pages 35 to 37.)

## THE SECOND SCHEDULE.

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Statutes.

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I.—*Members of the University.*

The members of the University shall be the Chancellor the Vice-Chancellor the Pro-Vice-Chancellors the Treasurer the members of the University Court the Professors Readers Lecturers Assistant Lecturers and Demonstrators of the University the Deans and other members of the Boards of Faculties the holders of such other University offices as the Court may from time to time determine the Wardens or other Chief Officers of Halls of Residence licensed by the University Fellows Graduates and Students of the University.

The Readers and Lecturers of the University shall include those persons who have been appointed by the Council as such and also the Readers and Lecturers of the Owens College and those Assistant Lecturers and Demonstrators of the Owens College who shall have been Assistant Lecturers or Demonstrators for three years at the date of this Our Charter.

The Students of the University shall be such persons attending Lectures or receiving instruction in the University as shall have matriculated as Students of the University.

II.—*The University Court.*

After the expiration of the respective periods of office of persons who shall be members of the Court at the date of the allowance of this Statute, the periods during which members of the Court respectively shall hold office shall be as follows :

The Chancellor, the Vice-Chancellor, the Pro-Vice-Chancellors, the Lord Mayor of Manchester, and the Chairman of the County Council of Lancashire shall hold office during the time they occupy the positions named respectively.

Members of the Court appointed by the Lord President shall hold office till the expiration of five years from the date of appointment.

Members of the Court appointed by the Chancellor shall hold office till the expiration of four years from the date of appointment.

Members of the Court appointed by any County Council or Corporation, by other Universities, by Convocation, by Wardens or chief Officers of Halls of Residence, shall hold office for three years from the date of appointment.

\*Representatives of the Senate shall hold office for three years from the date of appointment, provided that the term of office of such representatives shall cease if, before the expiration of three years from the date of appointment as representatives, they shall cease to be members of the Senate.

\*Representatives of the members of Boards of Faculties who are not members of the Senate shall hold office for three years from the date of appointment provided that the term of office of such representatives shall cease if, before the expiration of three years from the date of appointment as representative, they shall cease to be members of the Board of Faculties or shall become members of the Senate.

All other members of the Court and their respective successors shall hold office for four years from the date of appointment, provided that if they are absent from *five consecutive Ordinary Meetings of the Court they shall thereby cease to be Members of the Court. This proviso shall not apply to members of the Council who have attended meetings of the Council during that period. Members disqualified under the above clause may not be re-elected as members of the Court at the meeting to which the disqualification is reported.*†

All retiring members shall be eligible for re-appointment or re-election.

Any casual vacancy occurring by resignation, incapacity, or death among appointed or representative members shall be filled up as soon as convenient by the person or body which appointed the member whose place has become vacant.

Every appointment of a member of the Court shall be for the full term specified above whether the predecessor of such member have completed his full term or not.

A resolution appointing a member of the Court of Governors passed by the Court of Governors or other competent body shall be valid notwithstanding that it shall have been passed before the expiry of the term of office of the predecessor of the member so appointed, provided that such resolution shall have been passed not more than six months before such expiration of office.

On the expiration of the term of office of any member of the Court of Governors, should the appointing body not have appointed a successor, the said member shall remain a member of

\* Amended paragraphs allowed June 23rd, 1924.

† Amendment in italics allowed June 24th, 1914.

the Court till the appointment of a successor or till the expiration of six months from the aforesaid date, which shall first happen.

Fifteen members of the Court shall form a quorum.

### III.—*The University Council.*

The Council shall consist of :—

The Chancellor.

The Vice-Chancellor.

Four members nominated by the Senate from among the representatives of the Senate in the Court.

*\*Two members nominated by the members of the Boards of Faculties who are not members of the Senate from among the representatives of members of Boards of Faculties who are not members of the Senate on the Court.*

Eighteen members appointed by the Court from among its members of whom one at least shall be chosen from the members appointed by the Lord President of the Council one at least from the representatives of the Corporation of the City of Manchester and two at least from the representatives of Convocation, *provided that the Court shall have power, on the nomination of the Council, to appoint, in addition, one of the Pro-Vice-Chancellors as a member of the Council.*†

The periods of office of the first members of the Council shall be fixed by the Court. Subsequent members shall hold office until they shall cease to be members of the Court or resign or shall have been absent from meetings of the Council during twelve consecutive months.

Seven shall be the quorum of the Council.

### IV.—*Powers of the Council.*

Subject to the provisions made in the Charter and Statutes the Council shall have the following powers :—

To nominate the Vice-Chancellor after consultation with the Senate.

To elect its own Chairman.

To elect after report from the Senate Professors of the University and either to elect or to Delegate to the Senate the election of any academic officers of the University other than Professors.

To elect a Treasurer and other officers of the University.

To institute Professorships Readerships Lectureships or other teaching offices after report from the Senate.

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\* Amendment in italics allowed December 13th, 1922.

† Amendment in italics allowed June 25th, 1920.

- To abolish or hold in abeyance after report from the Senate any Professorship Readership or other academic office in the University.
- To draft Statutes and Ordinances as and when it sees fit and submit the same to the Court.
- To make regulations for any purposes for which regulations are or may be authorised to be made.
- To govern manage and regulate the finances accounts investments property business and all affairs whatsoever of the University and for that purpose to appoint Bankers Deputy-Treasurers and any other officers or agents whom it may seem expedient to appoint.
- To invest any moneys belonging to the University including any unapplied income in such stocks funds fully paid shares or securities as the Council shall from time to time think fit whether authorised by the general law for the investment of trust moneys or not and whether within the United Kingdom of Great Britain and Ireland or not or in the purchase of freehold copyhold or leasehold hereditaments in the United Kingdom including rent charges or chief rents with the like power of varying such investments from time to time by sale and re-investment or otherwise.
- To sell buy exchange lease and accept leases of real and personal property on behalf of the University.
- To provide the buildings premises furniture and apparatus and other means needed for carrying on the work of the University.
- To enter into vary carry out and cancel contracts on behalf of the University. Any contract entered into on behalf of the University may be made in any manner authorised by law for the making of contracts by or on behalf of Companies incorporated under the Companies Acts 1862 and 1867.

*V.—The Senate.*

The Senate shall have the powers following :—

- To make after report from the Board or Boards of Faculties concerned all regulations for giving effect to the Statutes and Ordinances of the University relating to courses of study.
- To appoint Internal Examiners after report from the Board or Boards of Faculties concerned.
- To recommend External Examiners for appointment by the Council after report from the Board or Boards of Faculties concerned.

- To report to the Council after report from the Board or Boards of Faculties concerned on all Ordinances relating to courses of study.
- To report to the Council on Statutes or Ordinances or proposed changes of Statutes or Ordinances.
- To report on any matter referred to or delegated to them by the Court or the Council.
- To discuss and declare an opinion on any matter whatsoever relating to the University.
- To send recommendations to the Council on the election of Professors Readers and Lecturers of the University and on delegation of the Council to appoint Readers Lecturers and other academic officers of the University not being Professors.
- To formulate and modify or revise schemes for the organisation of Faculties of Arts Science Law Medicine Music and Technology and any other Faculties of the University and to assign to such Faculties their respective subjects also to report to the Court as to the expediency of the establishment at any time of Faculties of Theology Fine Arts Commerce or other Faculties or of the abolition combination or sub-division of any Faculties.
- To fix subject to any conditions made by the Founders which are accepted by the Council the times and mode and conditions of competition for Fellowships Scholarships and other Prizes and to award the same.
- To regulate subject to the Ordinances of the University the admission of persons to courses of the University.
- To do such other acts and things as the Court shall authorise.
- The Vice-Chancellor shall preside at the meetings of the Senate.
- No new degree shall be established or other distinction of Honour or Merit adopted without the concurrence of the Senate.

#### VI.—*Faculties.*

The Board of each Faculty shall consist of:—

- (a) The holders for the time being of such professorships, lectureships, or other offices on the teaching staff of the University as the Court, after report from the Senate and Faculty concerned, may declare to confer *ex-officio* membership of that Faculty.

- (b) Such other professors as may be assigned by the Senate to the Faculty.
- (c) Such other members of the teaching staff, and such administrative officers of the University as the Council may appoint after report from the Senate and Faculty concerned.

Examiners shall be entitled to attend, speak, and vote at meetings of the respective Boards of Faculties at which examination papers are considered or results of examinations in which they take part determined.

The Vice-Chancellor shall be *ex-officio* a member of all Faculties.

Nothing in this Statute shall affect the term of office of any person who is a member of a Board of Faculty at the date of the allowance of this Statute.

#### VII.—*Powers of the Boards of Faculties.*

The Boards of Faculties respectively shall have the powers following :—

- (1) To regulate subject to the control of the Senate the teaching and study of the subjects assigned to the Faculty.
- (2) To recommend the Examiners for appointment.
- (3) To nominate Departmental Committees to consider and report on any special or combination of subjects and such Departmental Committees may include members of other Faculties.
- (4) To report to the Senate on Ordinances and Regulations dealing with courses of study for Degrees and other distinctions and on any questions relating to the work of the respective Faculties.
- (5) To deal with any matter referred to them by the Senate.

#### VIII.—*General Board of Faculties.*

The General Board of Faculties shall consist of all the members of the several boards and shall meet as the Court shall by Ordinance direct.

The General Board shall have power to report to the Senate on matters concerning teaching and courses of study which affect the University as a whole and to deal with any matter referred to them by the Senate.



The members named in Part II. shall hold office (a) in case of Life Members of the Court for life or until resignation (b) in the case of members appointed for a term of years until the first day of January next after the dates at which their respective terms of office as members of the Court of the University would have expired under the provisions which were in force at the time of their appointment respectively.

The members named in Part III. who are Governors of the Owens College for life shall hold office as members of the University Court until the first day of January 1907 and those who are Governors of the Owens College for a term of years until the first day of January next after the dates at which their respective terms of office will expire under the Acts and Bye-laws of the College.

B. The five persons first named in Part II. of the First Schedule to the Charter shall be deemed to be the persons appointed by the Lord President of the Council pursuant to the Charter and in case of vacancies arising among them their successors shall be appointed by the Lord President.

In the case of vacancies occurring among the three persons appointed by the Chancellor as in the First Schedule to the Charter mentioned their successors shall be appointed by the Chancellor. In case of vacancies occurring among the ten members appointed by Convocation their successors shall be elected by Convocation.

In case of vacancies occurring among the representatives of the Senate of the Owens College on the University Court their successors shall be chosen by the Senate of the Owens College. The Senate of the Owens College shall as soon as may be after the sealing of the Charter elect two additional members of the Court so as to make up the full number of six representatives.

C. Alderman King and Alderman Sir James Hoy shall be deemed to be two of the three representatives to be appointed on the Court by the Corporation of Manchester. The third representative of the Corporation of Manchester shall be appointed as soon as may be after the sealing of the Charter. In cases of vacancies occurring among them their successors shall be appointed by the Corporation of Manchester. Alderman Francis Harrison Walmsley shall be deemed the representative appointed by the Corporation of Salford. His successor shall be appointed by the Corporation of Salford. Alderman Henry Fleming Hibbert shall be deemed one of the three representatives appointed by the County Council of Lancashire. Two other members shall be appointed by the Lancashire County Council as soon as may be after the sealing of the Charter. Their successors shall be appointed by the County Council of Lancashire.

In witness whereof We have caused these Our Letters to be made patent.

Witness Ourselves at Westminster the fifteenth day of July in the third year of Our reign.

Warrant under the King's Sign Manual.



SEAL.

MUIR MACKENZIE.

*Additional Statutes passed 1903-23 and allowed by  
the King in Council.*

XV. The members of the Court shall be increased by adding representatives of the following bodies :

The County Council of Cheshire.

The Council of the County Borough of Bolton.

The Council of the County Borough of Bury.

The Board of the Manchester Royal Infirmary.

The Board of Directors of the Manchester Chamber of Commerce.

The Committee of the Manchester Incorporated Law Association.

\*XVI. The Chairman of Convocation shall hold office for such period as may from time to time be determined by Convocation, or until his death or resignation before the expiration of such period.

XVII. The members of the Court shall be increased by adding two representatives, to be appointed by the City of Manchester on the nomination of the Education Committee.

XVIII. The members of the Court shall be increased by adding a representative appointed by the Borough of Oldham on the nomination of its Education Committee.

XIX. The members of the Court shall be increased by adding one representative to be appointed by the County Borough of Stockport on the nomination of its Education Committee.

XX. The Court shall have power on the nomination of the Council to co-opt two members in addition to the three additional members mentioned in Clause IX. of the Charter.

XXI. A representative on the Court of Governors of a Corporation or County Council appointed on the recommendation of its Education Committee shall be selected from the members of such Education Committee and shall cease to be a member of the

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\* Amended Statute allowed June 26th, 1923. The period of office determined by Convocation is one year.

Court of Governors on the Registrar receiving notice from the appointing Body that such member is no longer a member of the aforesaid Committee.

XXII. The titles of Emeritus or Honorary Professor may, upon the recommendation of the Council and Senate, be conferred by the Court upon any Professor who has retired from his office.

An Emeritus or Honorary Professor shall not *ex-officio* have the right to a seat on the Senate or on the Board of any Faculty, but he may be invited, on the recommendation of the Council and Senate, to take such part in the teaching of the University as may be determined from time to time.

XXIII. *On the Regulation and Conduct of the Matriculation Examination.*

1. The Matriculation Examination which must be passed by students before entering on the degree courses in the University shall be regulated and conducted by a Joint Board constituted as hereinafter prescribed.

2. The Joint Board shall determine the conditions and subjects of the examination, together with the exemptions and conditions of exemption from it, provided that the Senate of each University shall have power to exempt from the Matriculation Examination such persons as it may judge suitably qualified by higher study or research to enter upon a Course for a degree.

3. The Board shall, with the consent of the five Universities concerned, have power to prescribe particular subjects to be passed in the examination as a condition of admission into particular Faculties, provided that at any time after any regulation to that end shall have been prescribed by the Board any of the five Universities shall have power to cause it to cease to be operative, on the expiration of two years from the date of notice to be given to the Board, so far as concerns such University.

4. The Regulations of the Board regarding the Matriculation Examination shall not affect the power of each University (a) to require a standard higher than that of the Matriculation Examination in any subject or subjects as a condition of admission into any Faculty or School; (b) to require candidates as a condition of admission into its several Faculties and Honours Schools and Courses leading to a particular degree to have passed in such of the optional subjects of the Matriculation Examination as the University may determine; (c) to admit unmatriculated students to such classes as it may think fit; or (d) to determine how far the examinations recognised by the Joint Board as

exempting from the Matriculation Examination shall be accepted by the University concerned as satisfying the requirements made by the University under sections (a) and (b) of this clause.

5. The Joint Board shall consist of twenty members, four to be elected annually by each of the Universities in Manchester, Liverpool, Leeds, Sheffield, and Birmingham, with power to co-opt persons of educational experience to the number of six.

6. When any change in the regulations regarding the Matriculation Examination is carried in the Joint Board by a majority consisting of less than two-thirds of the members who are present, the question at issue shall, if any four members present and voting so require, be referred to each of the five Universities, who shall each then nominate two additional members of the Board for the purpose of dealing with such question. The decision of the Board so constituted shall be final.

7. The Board shall send annual reports to each University.

8. The five Universities shall contribute to the expenses of the Joint Board in such proportions as may be hereafter determined.

XXIV. The members of the Court shall be increased by increasing the number of representatives to be appointed by Convocation from ten to fifteen.

\*XXV. The members of the Court shall be increased by increasing the number of representatives to be appointed by members of the Boards of Faculties who are not members of the Senate from two to four.

†XXVI. The members of the Court may be increased by adding representatives of such bodies as the Court may from time to time determine. The Court may also determine the period for which such bodies shall be represented.

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\* New Statute allowed December 13th, 1922.

† New Statute allowed June 26th, 1923.

AN  
**Act**

TO INCORPORATE THE OWENS COLLEGE MANCHESTER WITH THE VICTORIA UNIVERSITY OF MANCHESTER AND TO TRANSFER ALL THE PROPERTY AND LIABILITIES OF THE COLLEGE TO THE VICTORIA UNIVERSITY OF MANCHESTER AND FOR OTHER PURPOSES.

*(Royal Assent 24th June 1904.)*

**Whereas** the institution situated in the city of Manchester and known as the Owens College was founded by or under the will of John Owens of Manchester merchant deceased dated the thirty-first day of May one thousand eight hundred and forty-five and it was prescribed by the said will as a fundamental condition that if and so often as the number of applicants for admission to the institution as students should be more than adequate to the means of the institution a preference should in all cases be given to the children of parents residing or who if dead or the survivor of whom resided when living within the limits then comprised in the Parliamentary borough of Manchester or within two miles from any part of such limits and secondly to the children of parents residing or who or the survivor of whom when living resided within the limits comprised in the Parliamentary district or division of South Lancashire :

And whereas the said College is incorporated under the style of the Owens College Manchester and regulated pursuant to the provisions of an Act intituled the Owens Extension College Manchester Act 1870 as amended by the Owens College Act 1871 and the Owens College Act 1899 :

And whereas by Royal Charter dated the twentieth day of April one thousand eight hundred and eighty the Victoria University was constituted and founded having its seat in the city of Manchester with power to confer degrees and other distinctions except in medicine and surgery unless and until authority in that behalf should be given by a further Charter or by Act of Parliament which authority was given by a supplemental Charter dated the twentieth day of March one thousand eight hundred and eighty-three :

And whereas by the said Charter of 1880 the Owens College Manchester was constituted a college in the Victoria University and it was provided that other colleges might from time to time be admitted as colleges in the University in the manner and subject to the conditions prescribed in the said Charter :

And whereas Royal Charters dated respectively the twentieth day of March one thousand eight hundred and eighty-three

and the third day of June one thousand eight hundred and ninety-eight were granted supplemental to the said Charter of 1880:

And whereas in the year one thousand eight hundred and eighty-four University College Liverpool was admitted to be a college in the Victoria University:

And whereas in the year one-thousand eight hundred and eighty-seven the Yorkshire College Leeds was also admitted to be a college in the Victoria University but no other college has been admitted:

And whereas on the petition of the Owens College Manchester praying that a new or supplemental Charter might be granted so as to constitute and continue the Victoria University as a university in Manchester in association with the Owens College alone and on the petition of the University College Liverpool praying for the grant of a Charter establishing a university in Liverpool His Majesty in Council approved the grant of a Charter constituting the Victoria University in Manchester an independent university under the style of the "Victoria University of Manchester" and of a Charter establishing a university in Liverpool under the style of the "University of Liverpool":

And whereas by Royal Charter dated the fifteenth day of July one thousand nine hundred and three (hereinafter referred to as "the Charter of 1903") it was ordained that the Victoria University constituted by the Charters granted by Her late Majesty should thereafter be called the "Victoria University of Manchester" having its seat in the city of Manchester and under the name and style of "The Victoria University of Manchester" should remain and continue one body politic and corporate with the powers in the said Charter prescribed and ordained including the power to take by gift or otherwise purchase and hold and also to grant demise and otherwise dispose of real and personal property free from liability to admit or to remain in association with any college other than the Owens College and during the term therein mentioned the Yorkshire College:

And whereas it was provided by the Charter of 1903 that the University College Liverpool should on the first day of October one thousand nine hundred and three cease to be a college of the said University and that on the first day of October one thousand nine hundred and four or on the grant of a Charter establishing a university having its seat in Leeds or elsewhere in Yorkshire which should first happen the Yorkshire College should cease to be a college of the said University:

And whereas the Charter of 1903 directs that the Victoria University of Manchester shall have power to provide for instruction in such branches of learning as it may think fit and also to make provision for research and for the advancement and dissemination of knowledge :

And whereas the governing body of the Owens College are desirous and it is expedient that the said College should cease to be a separate corporate body and that its property rights and privileges and liabilities should be transferred to and vested in the Victoria University of Manchester as constituted by the Charter of 1903 :

And whereas it is expedient that the before-mentioned condition of the will of the said John Owens should remain in full force and effect and apply to the Victoria University of Manchester and that the other provisions contained in this Act should be made :

And whereas the objects of this Act cannot be attained without the authority of Parliament

### **May it therefore please Your Majesty**

That it may be enacted and be it enacted by the King's Most Excellent Majesty by and with the advice and consent of the Lords Spiritual and Temporal and Commons in this present Parliament assembled and by the authority of the same as follows (that is to say) :—

1. This Act may be cited as “The Victoria University of Manchester Act 1904.”

2. In this Act the expressions “the University” means the Victoria University of Manchester; “the College” means the Owens College Manchester.

3. From and after the passing of this Act the College shall cease to exist as a separate corporation and shall be merged in the University and all property real and personal of every description (including things in action and the right to receive and give good discharges for any grants or contributions which may have been voted or otherwise promised to the College) and all rights powers and privileges of the College which on or immediately before the passing of this Act belonged to or were vested in the College shall be by virtue of this Act without any conveyance assurance or other instrument transferred to and become vested in the University for all the estate and interest therein respectively of the College and shall be applied for the objects and purposes for which the University is incorporated and the arms of the College shall be adopted by and become the arms of the University: Provided that notwithstanding

anything in this Act contained the buildings in Manchester which have been erected by and which immediately before the passing of this Act belonged to the College may continue to be known and designated by the name or style of "the Owens College": Provided further that if and so often as the number of applicants for admission to the University as students shall be more than adequate to the means of the University a preference shall in all cases be given to the children of parents residing or who if dead or the survivor of whom resided when living within the limits comprised in the Parliamentary borough of Manchester as it existed at the date of the death of the founder of the College or within two miles from any part of such limits and secondly to the children of parents residing or who or the survivor of whom when living resided within the limits comprised within the Parliamentary district or division of South Lancashire.

4. From and after the passing of this Act all debts and liabilities of the College shall by virtue of this Act be transferred and attached to the University and shall thereafter be discharged and satisfied by the University.

5. All agreements awards contracts deeds and other instruments and all actions and proceedings and causes of action or proceedings which immediately before the commencement of this Act were existing or pending in favour of or against the College shall continue and may be carried into effect enforced and prosecuted by or in favour of or against the University to the same extent and in like manner as if the University had been party to or interested in the same respectively.

6. The Council of the University and the Council of the Liverpool University and the Council of the Yorkshire College or of the University which may be established having its seat in Leeds or elsewhere in Yorkshire or any of them may by agreement adjust and settle all questions arising with respect to any endowments property powers privileges authorities debts liabilities obligations or expenses in which the parties to the agreement are interested and also with respect to any examinations degrees and other university and college matters.

7. The President of the College the Most Noble Spencer Compton Duke of Devonshire shall be the first President of the University and may in the absence of the Chancellor preside at meetings of the Court and Council of the University and may confer degrees of the University on persons qualified to hold the same.

8. All professors and other members of and persons attached to the teaching staff of the College and all salaried and paid officers or servants of the College shall hold as nearly as practicable



the same offices and places in the University as they held in the College immediately before the passing of this Act and upon the same terms and conditions and all associates of the College shall be entitled to enjoy in the University similar privileges to those which immediately before the passing of this Act they enjoyed in the College: Provided that nothing herein contained shall extend to authorise associates of the College to elect members of the Court of the University.

9. Any power or right of the College or of the Council or other governing body on behalf of the College to appoint or nominate a member of the governing body of any educational charitable or other institution committee or association shall from and after the passing of this Act be transferred to and may be exercised by the Council of the University save and except that if any such power or right is expressly conferred upon the Senate of the College then such power or right shall be transferred to and shall be exercised by the Senate of the University.

10. Any will deed or other document whether made or executed before or after the passing of this Act which contains any bequest gift or trust in favour of the College shall on and after the passing of this Act be read and have effect as if the University were therein named instead of the College.

11. The Charitable Trusts Acts 1853 to 1894 shall not extend to the University.

12. The costs charges and expenses of and incidental to preparing obtaining and passing of this Act shall be defrayed by the University out of the capital or income of the property by this Act transferred to or out of any other moneys belonging to the University as the Council of the University may determine.

Visitor:  
THE KING.

## Officers of the University.

### CHANCELLOR:

The Right Hon. the EARL OF CRAWFORD AND BALCARNES,  
P.C., K.T., LL.D., D.Litt., F.R.I.B.A., F.R.S.

### VICE-CHANCELLOR:

WALTER H. MOBERLY, D.S.O., M.A., Litt.D.

### PRO-VICE-CHANCELLORS:

Professor ARTHUR LAPWORTH, D.Sc., LL.D., F.R.S.

Professor J. L. STOCKS, D.S.O., M.A.

### CHAIRMAN OF THE COUNCIL:

A. H. WORTHINGTON, B.A., LL.D.

### TREASURER:

SIR ERNEST D. SIMON, M.A.

### DEPUTY-TREASURER:

ROBERT McDougall, B.Sc.

### DEANS OF FACULTIES:

Arts ... ..	Professor E. F. JACOB, M.A., D.Phil.
Science ... ..	Professor L. J. MORDELL, B.A., M.Sc., F.R.S.
Law ... ..	Professor R. A. EASTWOOD, LL.D.
Medicine ... ..	Professor H. S. RAPER, C.B.E., D.Sc., M.B., Ch.B., F.R.S.
Music ... ..	A. W. WILCOCK, Mus.D.
Commerce and Administration ... ..	Professor G. W. DANIELS, M.A., M.Com.
Theology ... ..	Professor C. H. DODD, M.A., D.D.
Technology ... ..	B. MOUTAT JONES, D.S.O., M.A.
Education ... ..	Professor J. F. DUFF, M.A.

Registrar ... ..	NORMAN SMITH, D.Sc.
Bursar ... ..	G. W. KAYE.
Director of Extra-Mural Studies ... ..	H. P. TURNER, M.A., LL.M.
Adviser to Women Students ... ..	PHYLLIS E. CRUMP, M.A.
Tutor to the Faculty of Arts ... ..	JOSEPH MARKS, M.A.
Tutor to the Faculty of Science ... ..	J. E. MYERS, O.B.E., D.Sc.
Tutor to the Faculty of Medicine ... ..	A. D. MACDONALD, M.A., M.B., Ch.B.
Tutor to the Faculty of Commerce and Administration ... ..	FRANCES COLLIER, M.A.
Tutor for Articled Clerks (Faculty of Law) ... ..	B. A. WORTLEY, LL.B.
Adviser to Indian Students ... ..	J. K. WOOD, D.Sc.
Assistant to the Vice-Chancellor and Supervisor for Civil Service Students }	J. E. MYERS, O.B.E., D.Sc.

Chairman of Convocation	...	...	...	...	...	Rev. T. M. GRIBBIN, M.A.
Clerk of Convocation	...	...	...	...	...	ERNA REISS, M.A., Ph.D.
Librarian	...	...	...	...	...	CHARLES W. E. LEIGH, M.A.
Librarian of the Medical Library	...	...	...	...	...	G. WILSON.
Keeper of the Manchester Museum	...	...	...	...	...	Rev. G. H. CARPENTER, D.Sc., M.R.I.A.
Presenter of Honorary Graduands	...	...	...	...	...	Professor J. L. STOCKS, D.S.O., M.A.
University Organist	...	...	...	...	...	THOMAS KEIGHLEY, Mus.D.
Assistant Registrar	...	...	...	...	...	F. P. WALTON, B.Com.
Assistant to the Bursar	...	...	...	...	...	R. A. RAINFORD.
Secretary to the University Press	...	...	...	...	...	H. M. McKECHNIE, M.A.
Secretary to the Vice-Chancellor and Secretary for Ceremonials	...	...	...	...	...	SYDNEY MOSS.
Secretary to the Registrar	...	...	...	...	...	MAUD V. VERNON, M.A.
Secretary for Examinations	...	...	...	...	...	THOMAS BORTHWICK.
Assistant Secretaries	{	...	...	...	...	E. J. ALBISTON.
		...	...	...	...	H. C. BUTTERFIELD, B.A. (Com.)
Senior Clerk to the Registrar	...	...	...	...	...	ADELAIDE MATTHEWS.
Welfare Supervisor	...	...	...	...	...	MAIR JONES.
Cashier	...	...	...	...	...	HAROLD PICKSTONE.
Assistant Cashier	...	...	...	...	...	A. E. JACKSON.
Senior Clerk to the Bursar	...	...	...	...	...	C. E. DUKINFELD.
Buildings Clerk	...	...	...	...	...	J. W. POPPLEWELL, L.R.I.B.A.
Senior Assistant Keeper of the Museum	...	...	...	...	...	J. W. JACKSON, D.Sc., F.G.S.
Sub-Librarian	...	...	...	...	...	H. PERCIVAL.
Cataloguing Assistant	...	...	...	...	...	F. D. HODGEISS, M.A.
Clerk to the Faculty of Education	...	...	...	...	...	T. W. OWEN.

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University Solicitors	...	...	...	Messrs. TATHAM, WORTHINGTON and Co.
University Auditors	...	...	...	Messrs. JONES, CREWDSON, and YOUTAT.
Parliamentary Registration Officer	...	...	...	NORMAN SMITH, D.Sc.

## The Court of Governors.

### The CHANCELLOR :

(The Right Honourable the EARL OF CRAWFORD AND BALCARRES,  
P.C., K.T., LL.D., D.Litt., F.R.I.B.A., F.R.S.).

### The VICE-CHANCELLOR :

WALTER HAMILTON MOBERLY, D.S.O., M.A., Litt.D.

The PRO-VICE-CHANCELLORS :	Date of termination of office.
Professor LAPWORTH .. .. .	Feb 22nd, 1935
Professor STOCKS .. .. .	Sept 29th, 1935

The Right Honourable The LORD MAYOR OF MANCHESTER.

The CHAIRMAN OF THE COUNTY COUNCIL OF LANCASHIRE.

### *Appointed by the Lord President of the Council :*

*For a term of five years.*

The Right Hon. LORD ARNOLD OF HALE .. .. .	July 21st, 1934
The Right Hon. JOHN ROBERT CLYNES, D.C.L., J.P. ..	Oct. 25th, 1935
Sir EDWARD DONNER, Bart., B.A., LL.D. .. .. .	Nov. 18th, 1935
The Right Rev. ALBERT AUGUSTUS DAVID, D.D., LORD BISHOP OF LIVERPOOL .. .. .	Mar. 12th, 1934
SIR HENRY ALEXANDER MIERS, M.A., D.Sc., LL.D., Ph.D., F.R.S. .. .. .	Dec. 12th, 1933

### *Appointed by the Chancellor.*

The Right Hon. the EARL OF DERBY, K.G. .. .. .	Sept. 26th, 1936
The Right Hon. the LORD SHUTTLEWORTH OF GAWTHORPE, LL.D. .. .. .	Mar. 19th, 1937
The Right Hon. and Most Rev. WILLIAM TEMPLE, D.Litt., D.D., ARCHBISHOP OF YORK .. .. .	Mar 17th, 1936

### *Appointed by the City of Manchester.*

Alderman JOSEPH CROOKES GRIME, M.B.E., J.P. ..	Nov. 9th, 1935
Alderman FREDERICK TODD .. .. .	Jan. 5th, 1934
Alderman WILLIAM WALKER .. .. .	Mar. 6th, 1936

### *(On the nomination of the Manchester Education Committee.)*

Alderman JOSEPH HAROLD BIRLEY .. .. .	Nov. 1st, 1935
Alderman GEORGE FRANK TITT .. .. .	Nov. 1st, 1933

*Appointed by the City of Salford.*

	Date of termination of office.
Alderman JOSEPH WILLETT .. .. .	Feb. 4th, 1934

*Appointed by the County Council of Lancashire.*

County Councillor JAMES HENRY SUTHERLAND AITKIN..	Sept. 21st, 1934
County Alderman WILLIAM HODGSON .. .. .	Sept. 21st, 1934
County Councillor Sir JAMES OPENSHAW, O.B.E., J.P., D.L... .. .	Dec. 18th, 1934

*Appointed by the County Council of Cheshire.*

The Ven. Archdeacon JOHN HORNBY ARMITSTEAD ..	April 13th, 1934
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*Appointed by the County Borough of Bolton.*

Alderman JOHN PERCY TAYLOR .. .. .	Jan. 1st, 1936
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*Appointed by the County Borough of Bury.*

Alderman JOSEPH SMITH .. .. .	April 3rd, 1936
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*Appointed by the County Borough of Oldham on the nomination  
of the Education Committee.*

The Rev. GEORGE SHILLITO, M.A. .. .. .	April 14th, 1935
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*Appointed by the County Borough of Stockport on the  
nomination of the Education Committee.*

Alderman HENRY PATTEN, J.P. .. .. .	Nov. 19th, 1934
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*Appointed by the County Borough of Wigan.*

Alderman JOHN MCCURDY, J.P. .. .. .	Dec. 5th, 1935
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*Appointed by the County Borough of Blackburn.*

Alderman Sir WILLIAM FORREST, O.B.E. .. .. .	July 1st, 1934
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*Appointed by the County Council of Derbyshire.*

County Alderman JOSEPH WALKDEN .. .. .	June 30th, 1936
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*Appointed by the County Borough of Burnley.*

Mrs. FLORENCE ANNETTE OGDEN, J.P., B.A. .. .. .	Feb. 4th, 1935
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*Appointed by the County Borough of Rochdale.*

Councillor JAMES DUCKWORTH, J.P. .. .. .	Dec. 20th, 1934
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*Appointed by the County Borough of Warrington.*Date of termination  
of office.

Councillor JOHN CANON BARDSLEY .. .. . June 14th, 1936

*Appointed by the County Borough of Preston.*

Alderman Mrs. AVICE M. PIMBLETT .. .. . Dec. 31st, 1935

*Appointed by the Board of the Manchester Royal Infirmary.*

WALTER COBBETT, C.B.E. .. .. . Mar. 22nd, 1936

*Appointed by the Board of Directors of the Manchester  
Chamber of Commerce.**Appointed by the Committee of the Manchester Law Society.*

FRANK AUGUSTUS PADMORE .. .. . Mar 15th, 1935

*Representatives of the Senate.*

Professor MAURICE ARTHUR CANNEY .. .. . Sept. 29th, 1934

Professor GEORGE WILLIAM DANIELS .. .. . Sept. 29th, 1936

Professor JOHN LEOFRIC STOCKS .. .. . Jan. 16th, 1934

Professor JOHN SEBASTIAN BACH STOPFORD .. .. . Sept. 29th, 1934

Professor FRANK CHARLES THOMPSON .. .. . Dec. 3rd, 1934

Professor MICHAEL VASILEVITCH TROFIMOV .. .. . Dec. 3rd, 1934

*Representatives of Members of the Boards of Faculties, who are not  
Members of the Senate.*

WALTER FITZGERALD, M.A. . . . . Dec. 3rd, 1933

JOHN MITCHELL NUTTALL, D.Sc. . . . . Feb. 20th, 1935

ERNEST GEORGE GAUL, M.Sc. . . . . Nov. 19th, 1935

JOSEPH WATKIN REES, M.A. . . . . Nov. 27th, 1934

*Representatives of Convocation.*

LEONARD FREDERICK BEHRENS, M.Com. . . . . Mar. 17th, 1936

CATHERINE CHISHOLM, B.A., M.D. . . . . Feb. 27th, 1934

ALFRED ETHELBERT GOSPATRIC CHORLTON, LL.B. . . . . Feb. 27th, 1934

ALFRED HAWORTH, B.A. . . . . Feb. 27th, 1934

CHARLES PAGET LAPAGE, M.D. . . . . Feb. 26th, 1935

Rev. HERBERT McLACHLAN, M.A., D.D. . . . . Mar. 17th, 1936

MARY McNICOL, M.Sc. . . . . Mar. 17th, 1936

HAROLD FLETCHER MASSEY, B.Sc. . . . . Feb. 26th, 1935

Sir CHRISTOPHER THOMAS NEEDHAM, B.A. . . . . Feb. 26th, 1935

ELIZABETH NEEDHAM, M.A. . . . . Mar. 17th, 1936

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F.R.C.P. . . . . Feb. 26th, 1935

HARRY VERE WHITE, M.C., M.D. . . . . Feb. 26th, 1935

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					Date of termination of office.
GEORGE ARTHUR SUTHERLAND, M.A.	..	..	..	Nov. 17th, 1933	
ALICE MARGARET TILLYARD, M.A.	..	..	..	Oct. 29th, 1935	

*Appointed by the Court.**(a) By special co-optation.*

HENRY LINCOLN JOSELAND, M.A.	..	..	..	Nov. 20th, 1933	
Councillor WRIGHT ROBINSON, J.P.	..	..	..	Nov. 16th, 1936	
Sir KENNETH DUGALD STEWART, K.B.E.	..	..	..	May 20th, 1935	

*(b) By special co-optation on the nomination of the Council.*

NORMAN GODFREY FRANK	..	..	..	May 11th, 1936	
KENNETH LEE, LL.D.	..	..	..	Nov. 18th, 1935	

*(c) As successors to former Members of the Court of Governors of the Owens College and to the Representatives of that Court in the University Court*

Honorary Professor SAMUEL ALEXANDER, O.M., M.A., Litt.D., LL.D., D.Litt., F.B.A.	..	..	..	Nov. 19th, 1934	
MARGARET ASHTON, M.A.	..	..	..	Nov. 16th, 1936	
ROBERT BYTHELL BARCLAY	..	..	..	Nov. 20th, 1933	
HAROLD LUCAS BEHRENS	..	..	..	May 21st, 1934	
ROBERT ABRAHAM BURROWS	..	..	..	May 17th, 1937	
ALAN ERNEST LEOFRIC CHORLTON, C.B.E., M.P., M.Inst.C.E., M.I.Mech.E.	..	..	..	May 11th, 1936	
MARY GAVIN CLARKE, M.A.	..	..	..	Nov. 20th, 1933	
WILLIAM PERCIVAL CROZIER, B.A.	..	..	..	Nov. 16th, 1936	
HENRY WYBROW FRESTON	..	..	..	May 20th, 1935	
PHILIP GODLEE	..	..	..	May 20th, 1935	
HERMANN JULIUS GOLDSCHMIDT, B.A.	..	..	..	May 17th, 1937	
HENRY PHILIPS GREG	..	..	..	May 11th, 1936	
JOSEPH HARRISON	..	..	..	May 20th, 1935	
ELIZABETH ANNE HAWORTH, M.A.	..	..	..	May 20th, 1935	
FREDERIC EDWIN WARBRECK HOWELL	..	..	..	Nov. 19th, 1934	
ERNEST ALFRED KNIGHT	..	..	..	Nov. 20th, 1933	
Dame SARAH ANNE LEES, LL.D.	..	..	..	May 21st, 1934	
Sir WILLIAM CLARE LEES, O.B.E.	..	..	..	Nov. 20th, 1933	
HERBERT LEVINSTEIN, M.Sc., Ph.D.	..	..	..	Nov. 18th, 1935	
ROBERT McDUGALL, B.Sc.	..	..	..	May 20th, 1935	
FREDERICK JAMES MARQUIS, B.Sc., M.A.	..	..	..	Nov. 16th, 1936	
LEONARD FLETCHER MASSEY	..	..	..	Nov. 19th, 1934	
LORIS EMERSON MATHER	..	..	..	Nov. 16th, 1936	
PERCIVAL EDWARD MEADON, C.B.E., M.A.	..	..	..	May 20th, 1935	
MALCOLM GEORGE DEWHURST MELVILL	..	..	..	May 21st, 1934	
CHARLES ANTONY MILLER, B.A.	..	..	..	May 20th, 1935	
DOUGLAS GORDON MILLER, M.A.	..	..	..	Nov. 20th, 1933	

	Date of termination of office.
Sir THOMAS ROBINSON .. .. .	May 20th, 1935
JOHN RUSSELL SCOTT, B.A. .. .. .	Nov. 16th, 1936
Councillor ALFRED PHILIP SIMON .. .. .	May 20th, 1935
Sir ERNEST DARWIN SIMON, M.A. .. .. .	Nov. 18th, 1935
Councillor Lady (SHENA DOROTHY) SIMON, M.A. ..	Nov. 19th, 1934
The Right Hon. the EARL OF STAMFORD .. .. .	May 21st, 1934
Alderman JAMES HENRY SWALES, J.P. .. .. .	Nov. 16th, 1936
Honorary Professor JAMES TAIT, M.A., Litt.D., F.B.A. ..	May 17th, 1937
The Right Rev. GUY WARMAN, M.A., D.D., Lord Bishop of Manchester .. .. .	May 17th, 1937
Alderman FREDERICK JOSEPH WEST .. .. .	Nov. 19th, 1934
ARTHUR HENRY WORTHINGTON, B.A., LL.D. .. .. .	May 11th, 1936
Mrs. JANET BLAIR ZIMMERN .. .. .	Nov. 20th, 1933

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† Representatives of Members of the Boards of Faculties.



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W. H. LANG, M.B., O.M., D.Sc., LL.D., F.R.S., <i>Barker Professor of Cryptogamic Botany</i> .. .. .	1909	
ROBERT BEATTIE, D.Sc., <i>Edward Stocks Massey Professor of Electro-Technics</i> .. .. .	1912	
MAURICE A. CANNIKY, M.A., <i>Professor of Semitic Languages and Literatures</i> .. .. .	1912	
ARTHUR LAPWORTH, D.Sc., LL.D., F.R.S., <i>Sir Samuel Hall Professor of Chemistry</i> .. .. .	1913	
W. B. ANDERSON, M.A., D.Litt., <i>Hulme Professor of Latin</i> .. .. .	1913	
W. L. BRAGG, M.A., M.Sc., Sc.D., F.R.S., <i>Nobel Laureate, Langworthy Professor of Physics</i> .. .. .	1919	
T. H. PEAR, M.A., B.Sc., <i>Professor of Psychology</i> .. .. .	1919	
J. S. B. STOPFORD, M.D., F.R.S., <i>Professor of Anatomy</i> .. .. .	1919	
M. V. TROFIMOV, M.A., <i>Sir William Mather Professor of Russian</i> .. .. .	1919	
A. H. GIBSON, D.Sc., M.Inst.C.E., M.I.Mech.E., <i>Beyer Professor of Engineering</i> .. .. .	1920	
A. H. BURGESS, M.B., M.Sc., LL.D., F.R.C.S., <i>Professor of Clinical Surgery</i> .. .. .	1921	
F. O. THOMPSON, M.Sc., D.Met., <i>Professor of Metallurgy</i> .. .. .	1921	
H. B. CHARLTON, M.A., <i>John Edward Taylor Professor of English Literature</i> .. .. .	1921	
G. W. DANIELS, M.A., M.Com., <i>Stanley Jerons Professor of Political Economy and Cobden Lecturer</i> .. .. .	1921	
ALBERT RAMSBOTTOM, M.D., D.P.H., F.R.C.P., <i>Professor of Clinical Medicine</i> .. .. .	1921	
B. MOUNT JONES, D.S.O., M.A., <i>Principal of the Municipal College of Technology</i> .. .. .	1921	
E. D. TELFORD, M.A., M.Sc., B.C., F.R.C.S., L.R.C.P., <i>Professor of Systematic Surgery</i> .. .. .	1922	
L. J. MORDELL, B.A., M.Sc., F.R.S., <i>Fielden Professor of Pure Mathematics</i> .. .. .	1923	
H. S. RAPER, C.B.E., D.Sc., M.B., Ch.B., F.R.S., <i>Brackenbury Professor of Physiology and Director of the Physiological Laboratories</i> .. .. .	1923	
R. A. EASTWOOD, LL.D., <i>Professor of Law</i> .. .. .	1923	
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W. E. MORTON, M.Sc.Tech., <i>Professor of Textile Technology</i> .. .. .	1926	
DEMPSTER SMITH, M.B.E., M.Sc.Tech., M.I.Mech.E., <i>Professor of Mechanical Engineering</i> .. .. .	1926	
DANIEL DOUGAL, M.D., <i>Professor of Obstetrics and Gynecology</i> .. .. .	1927	
H. B. MATTLAND, M.D., M.Sc., M.R.C.S., L.R.C.P., <i>Professor of Bacteriology and Director of the Department of Bacteriology and Preventive Medicine</i> .. .. .	1927	

	Date of Appointment
JAMES KENNER, D.Sc., Ph.D., F.R.S., <i>Professor of Technological Chemistry</i> .. .. .	1927
D. R. HARTREE, M.A., M.Sc., Ph.D., F.R.S., <i>Beyer Professor of Applied Mathematics</i> .. .. .	1929
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DONALD ATKINSON, M.A., <i>Professor of Ancient History</i> .. .. .	1929
F. E. TYLECOTE, M.D., D.P.H., F.R.C.P., <i>Professor of Systematic Medicine</i> .. .. .	1929
H. J. FLEURE, D.Sc., <i>Professor of Geography</i> .. .. .	1930
JOHN MURPHY, M.A., D.D., D.Litt., <i>Professor of Comparative Religion</i> .. .. .	1930
J. M. F. DRUMMOND, M.A., F.R.S.E., <i>George Harrison Professor of Botany and Director of the Botanical Laboratories</i> .. .. .	1930
C. H. DODD, M.A., D.D., <i>Rylands Professor of Biblical Criticism and Exegesis</i> .. .. .	1930
W. J. PUGH, O.B.E., B.A., D.Sc., F.G.S., <i>Professor of Geology and Director of the Geological Laboratories</i> .. .. .	1931
E. V. GORDON, M.A., <i>Smith Professor of English Language and Germanic Philology</i> .. .. .	1931
L. B. NAMIER, M.A., <i>Professor of Modern History</i> .. .. .	1931
T. B. L. WEBSTER, M.A., <i>Hulme Professor of Greek</i> .. .. .	1931
S. L. BAKER, Ph.D., M.R.C.S., L.R.C.P., D.P.H., <i>Procter Professor of Pathology and Pathological Anatomy</i> .. .. .	1931
H. G. CANNON, M.A., Sc.D., D.Sc., F.R.S.E., <i>Beyer Professor of Zoology and Director of the Zoological Laboratory</i> .. .. .	1931
J. F. DUFF, M.A., <i>Sarah Fielden Professor of Education and Director of the Department of Education</i> .. .. .	1932
MARIO PRAZ, D.Litt., Dr. Jur., <i>Professor of Italian Studies</i> .. .. .	1932
BARKER FAIRLEY, M.A., Ph.D., <i>Henry Simon Professor of German Language and Literature</i> .. .. .	1932
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R. A. CORDINGLEY, M.A., A.R.I.B.A., <i>Professor of Architecture and Director of the School of Architecture</i> .. .. .	1933
EUGENE VINAVER, M.A., B.Litt., D.ès L., <i>Professor of French Language and Literature</i> .. .. .	1933
I. M. HEILBRON, D.S.O., D.Sc., Ph.D., F.R.S., <i>Professor of Organic Chemistry</i> .. .. .	1933
MICHAEL POLANYI, M.D., Ph.D., <i>Professor of Physical Chemistry</i> .. .. .	1933
F. C. WILKINSON, M.D., B.D.S., D.D.Sc., <i>Professor of Dental Surgery and Director of the Dental Hospital</i> .. .. .	1933

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JAMES TAIT, M.A., Litt.D., F.B.A. .. .. .	1920
SAMUEL ALEXANDER, O.M., M.A., Litt.D., LL.D., D.Litt., F.B.A. .. .. .	1924
JOSEPH JOHN FINDLAY, M.A., Ph.D., M.Ed. .. .. .	1926
Sir HENRY ALEXANDER MIERS, M.A., D.Sc., LL.D., Ph.D., F.R.S. .. .. .	1926

**Professores Emeriti.**

	Date of Appointment
GRAHAM STEELL, M.D., F.R.C.P. .. .. .	1911
Sir HORACE LAMB, D.Sc., LL.D., F.R.S. .. .. .	1921
ARCHIBALD DONALD, M.A., M.D., F.R.C.P. .. .. .	1925
GEORGE REDMAYNE MURRAY, M.A., M.D., D.C.L., F.R.C.P. .. .. .	1925
SYDNEY JOHN HICKSON, M.A., D.Sc., D.Zool. and Bot., LL.D., F.R.S. .. .. .	1926
ROBERT WILD, M.D., M.Sc., F.R.C.P. .. .. .	1927
ROBERT SEYMOUR CONWAY, M.A., Litt.D., Dott. Univ., D.Litt., F.B.A., Commendatore della Corona del regno d'Italia .. .. .	1929
FREDERICK CRAVEN MOORE, M.D., M.Sc., F.R.C.P. .. .. .	1929
ARWID JOHANNSON, M.A. .. .. .	1930
FREDERICK ERNEST WEISS, D.Sc., LL.D. F.R.S. .. .. .	1930
WALTER JOHN SEDGEFIELD, M.A., Litt.D. .. .. .	1931
EDWARD FIDDES, M.A., LL.D. .. .. .	1931
HENRY BOMPAS SMITH, M.A., M.Ed. .. .. .	1932
MILES WALKER, M.A., D.Sc., M.I.E.E., F.R.S. .. .. .	1932

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Miss START.

Secretary: Miss BORTHWICK.

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<i>Greek</i> ... ..	{ Hulme Professor, T. B. L. WEBSTER, M.A. (Oxford).
<i>Latin</i> ... ..	{ Hulme Professor, W. B. ANDERSON, M.A. (Cambridge and Manchester), D.Litt. (Aberdeen). Lecturer, E. C. WOODCOCK, M.A. (Cambridge).
<i>Greek and Latin</i> ... ..	{ Lecturers, JEANIE HUSBAND, B.A. (Liverpool). R. P. WINNINGTON-INGRAM, M.A. (Cambridge). Assistant Lecturers, J. A. DAVISON, B.A. (Oxford). L. R. PALMER, B.A. (Wales), Ph.D. (Cambridge and Vienna). ALUN HUDSON-WILLIAMS, B.A. (Wales). R. F. WYCHERLEY, B.A. (Cambridge).

<i>Hellenistic Greek</i> ... ..	{ Lecturer, The Rev. H. McLACHLAN, M.A., D.D. (Manchester).
<i>Classical Archaeology</i> ... ..	{ Lecturer, E. S. FORSTER, M.B.E., M.A. (Oxford), F.S.A. (Professor of Greek in the University of Sheffield).

(Lectures in Greek and Roman History will be given by Professor ATKINSON and Mrs. KATHLEEN M. T. ATKINSON.)

<i>English Literature</i> ... ..	{ John Edward Taylor Professor, H. B. CHARLTON, M.A. (Leeds and Manchester). Senior Lecturer, J. D. WRIGHT, M.A. (Manchester). Lecturers, FLORENCE E. HARMER, M.A. (Cambridge), B.A. (London). R. D. WALLER, M.A. (Manchester). Assistant Lecturers, I. A. SHAPIRO, M.A. (Birmingham). L. C. KNIGHTS, M.A. (Cambridge).
<i>English Language</i> ... ..	{ Smith Professor of English Language and Germanic Philology, E. V. GORDON, M.A. (Oxford). Lecturer, FLORENCE E. HARMER, M.A. (Cambridge), B.A. (London). Assistant Lecturer, G. L. BROOK, B.A. (Leeds). Professor of French Language and Literature, EUGENE VINAYER, M.A., B.Litt. (Oxford), D. ès L. Professor of French Language and Romance Philology, Senior Lecturer, PHYLLIS E. CRUMP, M.A. (London and Manchester). Lecturers, JOSEPH MARKS, M.A. (Manchester). ANDRÉE VALETTE, Mod. Lang. Hous. (Oxford). MARION E. I. ROBERTSON, M.A. (Edinburgh), D. ès L. Assistant Lecturers, T. B. W. REID, M.A., LL.B. (Dublin), L. ès L. (Montpellier). FREDERICK HOLDSWORTH, B.A. (Sheffield). Assistant, A. A. MALAN, L. ès L. (Bordeaux), Diplôme d'Etudes Supérieures (Strasbourg).
<i>French Studies</i> ... ..	{

(Lectures in History and Institutions of France will be given by members of the History Department.)

<i>German Language and Literature</i> ... ..	{ Henry Simon Professor, BARKER FAIRLEY, M.A. (Leeds), Ph.D. (Jena). Assistant Lecturers, ALEXANDER GILLIES, M.A. (Sheffield), Ph.D. (Göttingen). F. P. PICKERING, B.A. (Leeds). Assistant, K. L. F. THIELKE, M.A. (Sheffield).
<i>Russian</i> ... ..	{ Sir William Mather Professor, M. V. TROFIMOV, M.A. (Petrograd and Manchester).

<i>Italian Studies</i> ... ..	Professor MARIO PRAZ, D.Litt. (Florence), Dr. Jur. (Rome). Assistant, Senior Lecturer, J. W. REES, M.A. (Oxford), B.A. (Wales).
<i>Spanish Studies</i> ... ..	Assistant Lecturer, EDWARD SARMIENTO, B.A., Ph.D. (London).
<i>Semitic Languages and Literatures</i> ... ..	Professor, MAURICE A. CANNEY, M.A. (Oxford and Manchester). Special Lecturer, The Rev. THOMAS FISH, Ph.D. (Cambridge). Assistant Lecturer, F. D. COGGAN, B.A. (Cambridge).
<i>Chinese Language and Social Economy</i> ... ..	Reader, E. W. MEAD, M.A. (Cambridge).
<i>History</i> ... ..	Professor of Medieval History, E. F. JACOB, M.A. (Oxford and Manchester), D.Phil. (Oxford). Professor of Ancient History, DONALD ATKINSON, B.A. (Oxford), M.A. (Manchester). Professor of Modern History, L. B. NAMIER, M.A. (Oxford). Honorary Professor, JAMES TAIT, M.A., Litt.D. (Oxford and Manchester), F.B.A. Reader in Economic History, ARTHUR REDFORD, M.A., Ph.D. (Manchester). Lecturer in Modern History, EDWARD HUGHES, M.A. (Manchester). Lecturer in History, BERTIE WILKINSON, M.A., Ph.D. (Manchester). Bishop Fraser Lecturer in Ecclesiastical History, C. R. CHENEY, M.A. (Oxford). Lecturer in Early Church History, The Rev. A. J. GRIEVE, M.A. (Oxford), D.D. (London). Special Lecturer in Ancient History, KATHLEEN M. T. ATKINSON, M.A. (Oxford). Assistant Lecturer in History, A. J. P. TAYLOR, M.A. (Oxford).
<i>Palaeography</i> ... ..	Lecturer, MOSES TYSON, M.A., Ph.D. (Manchester).
<i>History of Art</i> ... ..	Special Lecturer, R. H. WILKINSON. Stanley Jevons Professor of Political Economy and Cobden Lecturer, G. W. DANIELS, M.A., M.Com. (Manchester). Reader in Economic History, ARTHUR REDFORD, M.A., Ph.D. (Manchester). Reader in Currency and Finance, T. S. ASHTON, M.A. (Manchester).
<i>Economics</i> .. ..	Senior Lecturer in Commerce, JOHN JEWKES, M.Com. (Manchester). Senior Lecturer in Agricultural Economics, JOHN ORR, M.A. (Glasgow), Adviser under the Ministry of Agriculture Advisory Scheme. Robert Otley Lecturer in Economic Statistics, HARRY CAMPION, M.A. (Com.) (Manchester). Assistant Lecturer in Economics, S. G. ROBERTS, B.Com. (Manchester).
<i>Geography</i> ... ..	Professor, H. J. FLEURE D.Sc. (Wales). Lecturer, WALTER FITZGERALD, M.A. (Liverpool). Special Lecturer, MABEL C. WRIGHT, A.R.C.Sc. (Ireland). Assistant Lecturer, RONALD MILLER, M.A. (Edinburgh). Lecture Assistant and Secretary, ELWYN DAVIES B.A. (Wales), M.Sc. (Manchester).
<i>Philosophy and Public Administration</i> .. ..	Sir Samuel Hall Professor of Philosophy, J. L. STOCKS, D.S.O., M.A. (Oxford and Manchester). Honorary Professor, SAMUEL ALEXANDER, O.M., M.A. (Oxford and Manchester), D.Litt. (Oxford and Durham), Litt.D. (Manchester and Liverpool), Litt.D. (Birmingham and St. Andrews), F.B.A. Special Lecturer in Public Administration, A. L. DAKYNS, M.A. (Oxford). Assistant Lecturer, A. E. TRALE, B.A. (Leeds).



<i>Psychology</i> ... ..	Professor, T. H. PEAR, M.A. (Manchester), B.Sc. (London).
	Lecturer, H. E. O. JAMES, B.A., M.Sc. (Manchester). Special Lecturer, STANLEY WYATT, M.Sc., M.Ed. (Manchester).
<i>Architecture</i> ... ..	Professor and Director of the School of Architecture, H. A. CORDINGLEY, M.A. (Manchester), A.R.I.B.A.
	Lecturers, JOHN WILLIAMS. J. P. NUNN, B.A. (Manchester), A.R.I.B.A.
	Assistant Lecturer, J. L. MARTIN, M.A. (Manchester), A.R.I.B.A.
	Lecturer in Classical Archaeology, E. S. FORSTER, M.B.E., M.A. (Oxford), F.S.A. (Professor of Greek in the University of Sheffield).
	Lecturer in Town Planning, F. L. HALLIDAY, A.R.I.B.A.
	Special Lecturer in History of Art, R. H. WIŁEŃSKI.
	Special Instructor in Life Drawing, EMANUEL LEVY. Instructor in Drawing, REGINALD EDGE.
<i>Military Organisation and Tactics</i> ... ..	(Hon. Lecturer, Captain T. N. PENNINGTON.
	Lecturer in Military History, EDWARD HUGHES, M.A. (Manchester).

## SCIENCE.

<i>Mathematics, Pure and Applied</i> ... ..	Fielden Professor of Pure Mathematics, L. J. MORDELL, B.A. (Cambridge), M.Sc. (Manchester), F.R.S.
	Beyer Professor of Applied Mathematics, D. R. HARTREE, M.A., Ph.D. (Cambridge), M.Sc. (Manchester), F.R.S.
	Senior Lecturer, W. N. BAILEY, M.A. (Cambridge), M.Sc. (London), D.Sc. (Manchester).
	Lecturers, J. M. CHILD, B.A. (Cambridge), B.Sc. (London). ALBERT EAGLE, B.Sc. (London), A.R.C.Sc.
	BERTHA SWIRLES, M.A., Ph.D. (Cambridge).
	Assistant Lecturers, J. A. TODD, B.A., Ph.D. (Cambridge). J. M. JACKSON, B.Sc. (London).
	SAMUEL VERBLUNSKY, B.A., Ph.D. (Cambridge).
	Lecture Assistant, VIOLET F. WHITE, M.Sc. (London).
	Langworthy Professor and Director of the Physical Laboratories, W. L. BRAGG, M.A. (Cambridge), Sc.D. (Dublin), M.Sc. (Manchester), F.R.S., Nobel Laureate.
	Honorary Professor, Sir ARTHUR SCHUSTER, Sc.D. (Cambridge), Ph.D. (Heidelberg), D.Sc. (Manchester), F.R.S.
<i>Physics</i> ... ..	Senior Lecturers, J. M. NUTFALL, D.Sc. (Manchester), Assistant Director of the Physical Laboratories.
	R. W. JAMES, M.A. (Cambridge), B.Sc. (London).
	E. C. S. DICKSON, B.A. (Cambridge), Ph.D. (Bonn).
	Lecturers, HERBERT BELL, M.A. (Edinburgh).
	J. C. M. BRENTANO, D.Sc. (Munich).
	Special Lecturer in Mathematical Physics, E. J. WILLIAMS, D.Sc. (Wales), Ph.D. (Manchester and Cambridge).
	Special Lecturer, G. A. SUTHERLAND, M.A. (Cambridge).
	Assistant Lecturers, W. H. TAYLOR, M.Sc., Ph.D. (Manchester). ALEXANDER HARVEY, B.Sc., Ph.D. (Durham).

Lecturer, D. C. HENRY, M.A. (Cambridge).

{ Edward Stocks Massey Professor and Director of the Electro-Technical Laboratories, ROBERT BHATTIE, D.Sc. (Durham).  
Senior Lecturer, HAROLD GERRARD, M.Sc. (Manchester), A.M.I.E.E.  
Lecturer, JOSEPH HIGHAM, M.Sc. (Manchester), A.M.I.E.E.  
Assistant Lecturer, FRANK ROBERTS, M.Sc. (Manchester).

{ Beyer Professor and Director of the Whitworth Laboratories, A. H. GIBSON, D.Sc. (Manchester), M.Inst.C.E., M.Inst.Mech.E.  
Clifton Lecturer and Assistant Director of the Engineering Laboratories, C. M. MASON, M.Sc. (Manchester), A.M.I.C.E., A.M.I.Mech.E.  
Lecturers,  
ERIC JONES, M.Sc. (Manchester).  
H. WRIGHT BAKER, M.Sc. (Manchester).  
G. F. MUCKLOW, D.Sc. (Manchester).  
R. J. CORNISH, M.Sc. (Manchester).  
Special Lecturer, JULIUS FRITH, M.Sc. (Manchester), M.Inst.E.E.  
Assistant Lecturer, JACK ALLEN, M.Sc. (Manchester).

{ Sir Samuel Hall Professor of Chemistry and Director of the Chemical Laboratories, ARTHUR LAFWORTH, M.Sc. (Manchester), D.Sc. (London), LL.D. (St. Andrews and Birmingham), F.R.S.  
Professor of Organic Chemistry, I. M. HAILBRON, D.S.O., D.Sc. (Glasgow), Ph.D. (Leipzig), F.R.S.  
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Reader in Stoichi-Chemistry, F. P. BURT, M.B.E., B.Sc. (London), D.Sc. (Bristol).  
Senior Lecturers,  
NORMAN SMITH, D.Sc. (Manchester).  
J. E. MYERS, O.B.E., D.Sc. (Manchester).  
COLIN CAMPBELL, D.Sc. (Manchester).  
FRID FAIRBROTHER, D.Sc. (Manchester).  
Lecturers,  
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G. N. BURKHARDT, M.Sc., Ph.D. (Manchester).  
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D. H. HEY, M.Sc. (Wales), B.Sc., Ph.D. (London).  
Lecturer in Agricultural Chemistry, ROBERT STEWART, B.Sc., Ph.D. (Edinburgh), Adviser under the Ministry of Agriculture Advisory Scheme  
Assistant Lecturers,  
F. S. SPRING, B.Sc., Ph.D. (Liverpool).  
C. E. H. BAWN, B.Sc., Ph.D. (Bristol).  
M. G. EVANS, M.Sc. (Manchester).

{ Professor, F. C. THOMPSON, B.Sc. (London), M.Sc. (Manchester), D.Met. (Sheffield).  
Senior Lecturer, HUGH O'NEILL, M.Met. (Sheffield), D.Sc. (Manchester).  
Lecturer in Electro-Metallurgy, J. W. CUTHBERTSON, M.Sc. (Manchester).  
Lecturer in Non-Ferrous Metallurgy, E. O. JONES, B.Sc. (London).

		Professor, F. E. TYLECOTE, M.D., D.P.H. (Manchester), F.R.C.P.
		Reader in General Therapeutics, G. J. LANGLEY, M.B.E., M.D., B.S. (London), F.R.C.P.
<i>Systematic Medicine</i>	... ..	Lecturers, T. H. OLIVER, M.D. (Manchester), F.R.C.P. J. F. WILKINSON, M.Sc., M.D., Ph.D. (Manchester), M.R.C.P. Demonstrator, WILLIAM BROCEBANK, M.A., M.D. (Cambridge), M.R.C.P.
<i>Neurology</i>	... ..	Lecturer, D. E. CORE, M.D. (Manchester), F.R.C.P.
<i>Infectious Diseases</i>	... ..	Clinical Lecturer, D. S. SUTHERLAND, M.D. (Glasgow).
<i>Tuberculosis</i>	... ..	Honorary Clinical Lecturer, D. P. SUTHERLAND, M.B., B.S. (London).
		Professor, ARTHUR H. BURGESS, M.B., Ch.B., M.Sc. (Manchester), LL.D. (Manitoba), F.R.C.S.
		Lecturer and Assistant to the Professor, CHARLES ROBERTS, M.B., B.S. (London), F.R.C.S.
<i>Clinical Surgery</i>	... ..	Lecturers, J. P. BUCKLEY, M.A., M.D. (Cambridge), M.S. (London), F.R.C.S. H. H. RAYNER, M.B., Ch.B. (Manchester), F.R.C.S.
		Professor, E. D. TELFORD, M.A., B.C. (Cambridge), M.Sc. (Manchester), F.R.C.S.
		Lecturer and Assistant to the Professor, W. H. HEY, M.B., Ch.B. (Manchester), F.R.C.S.
<i>Systematic Surgery</i>	... ..	Lecturer, JOHN MORLEY, M.B., Ch.M. (Manchester), F.R.C.S.
		Lecturer in Regional Surgery A. GRAHAM-BRYCE, M.D., D.P.H. (Manchester), F.R.C.S.
		Lecturers, E. E. HUGHES, M.B., Ch.M. (Manchester), F.R.C.S.
<i>Operative Surgery</i>	... ..	A. H. SOUTHAM, M.A., M.D., M.Ch. (Oxford), F.R.C.S.
		Director of the Laboratory, J. F. WILKINSON, M.Sc., M.D., Ph.D. (Manchester), M.R.C.P.
<i>Clinical Investigations</i>	... ..	Assistant Director, M. C. G. ISRAELS, M.Sc. M.R., Ch.B. (Manchester).
		Lecturers, P. R. WRIGLEY, F.R.C.S.
<i>Surgical Pathology</i>	... ..	GARNETT WRIGHT, M.B., Ch.B. (Edinburgh), F.R.C.S.
		J. P. BUCKLEY, M.A., M.D. (Cambridge), M.S. (London), F.R.C.S.
<i>Practical Surgery</i>	... ..	Lecturer, CHARLES ROBERTS, M.B., B.S. (London), F.R.C.S.
		Honorary Clinical Lecturers, R. OLLERENSHAW, M.D. (Manchester), F.R.C.S.
<i>Orthopædics</i>	... ..	H. PLATT, M.D. (Manchester), M.S. (London), F.R.C.S.
		Professor, W. FLETCHER SHAW, M.D. (Manchester).
		Lecturers, W. R. ADDIS, M.C., M.B., Ch.B. (Edinburgh).
<i>Clinical Obstetrics and Gynaecology</i>	... ..	C. P. BRENTNALL, M.C., M.B., Ch.B. (Liverpool).
		Honorary Lecturer, F. H. LACEY, M.D. (Manchester).
		Professor, DANIEL DOUGAL, M.C., M.D. (Manchester).
<i>Obstetrics and Gynaecology</i>	... ..	Lecturer, K. V. BAILEY, M.C., M.D. (Manchester), M.R.C.P.
		Assistant Lecturer, E. A. GERRARD, M.B., Ch.B. (Manchester), M.R.C.S., L.R.C.P.
		Demonstrator, ROBERT NEWTON, M.D. (Manchester).

<i>Materia Medica and Therapeutics</i> ... ..	{	Leech Professor, Reader in <i>Materia Medica</i> and Therapeutics, A. D. MACDONALD, M.A., M.B., Ch.B. (Edinburgh).
		Lecturer in <i>Dental Materia Medica</i> , FELIX RAWSTHORNE, L.D.S. (England).
<i>Pharmaceutics</i> ... ..	{	Assistant Lecturer in Pharmacology, T. H. B. BEDFORD, M.Sc., M.B., Ch.B. (Leeds), M.R.C.P.
		Senior Lecturer, JAMES GRIER, M.Sc. (Manchester), Ph.C. Lecturer in Pharmaceutical Chemistry, HARRY BRINDLEY, B.Sc. (London), F.I.C., Ph.C. Lecturer, IVY ROBERTS, M.Sc. (Manchester), Ph.C. Assistant Lecturer, JEANNETTE DUNCAN, B.Sc. (Manchester), Ph.C. Demonstrators, KENNETH BULLOCK, M.Sc., Ph.D. (Manchester). S. L. PRESCOTT, B.Sc. (Manchester). HARRY BURLINSON, M.P.S. J. M. ROWSON, M.P.S.
<i>Diseases of Children</i> ... ..	{	Lecturer, C. P. LAPAGE, M.D. (Manchester), F.R.C.P.
<i>Forensic Medicine</i> .. ..	{	Lecturer, W. B. ANDERTON, M.B. (London), M.R.C.S., L.R.C.P.
<i>Hygiene and Preventive Medicines</i> ... ..	{	Lecturer, J. J. BUTTERWORTH, M.D., D.P.H. (Manchester).
<i>Mental Diseases</i> ... ..	{	Lecturers, DAVID BLAIR, M.A., M.D. (Glasgow). H. DOVE CORMAC, M.B., M.S. (Madras), D.P.M. (Manchester).
		Clinical Lecturers, H. H. McNABB, M.D. (Manchester). J. WHARTON, M.A., M.D. (Cambridge). T. M. BRIDE, M.D. (Manchester).
<i>Ophthalmology</i> ... ..	{	Clinical Lecturers, WILLIAM DYSON, O.B.E., M.D. (Manchester). LOUIS SAYATARD, L.S.A. (London). ROBERT GIBSON, M.D., (Edinburgh).
		Lecturer, F. G. WRIGLEY, M.D. (Manchester).
<i>Dermatology</i> ... ..	{	Lecturer, D. LINDLEY SEWELL, M.B., B.S. (London), M.R.C.S., L.R.C.P.
<i>Diseases of the Throat and Nose</i> ... ..	{	Lecturer, E. W. TWINING, M.R.C.S., L.R.C.P. D.M.R.E. (Cambridge).
<i>Diseases of the Ear</i> ... ..	{	Lecturer, E. FALENER HILL, M.B. Ch.B. (Manchester), M.R.C.S., L.R.C.P.
<i>Radiology</i> ... ..	{	Lecturer, CATHERINE CHISHOLM, B.A., M.D. (Manchester).
<i>Anæsthetics</i> .. ..	{	Lecturer, T. A. GOODFELLOW, M.D. (London), M.R.C.S., L.R.C.P.
<i>Vaccination</i> .. ..	{	Clinical Instructors, W. J. S. REID, M.A., M.D. (Aberdeen), M.R.C.P. GORDON WHITEHEAD, M.B., Ch.B. (Manchester). ELIZABETH C. BYRD, M.Sc., M.B., Ch.B. (Manchester). W. R. ADDIS, M.B. Ch.B. (Edinburgh). E. TYTLER BURKE, D.S.O. M.B., Ch.B. (Glasgow). P. B. MUMFORD, M.D. (Manchester), F.R.C.P.
<i>Medical Ethics and Conditions of Medical Practice</i> ... ..	{	Director of the Department, C. C. TWORT, M.D. (Aberdeen). Chemist, A. C. BOTTOMLEY, M.Sc., Ph.D. (Manchester). Assistants, J. M. TWORT, B.Sc. (London). RUPERT LYTH, B.Sc., Dp.Bact. (Manchester).
<i>Veneral Diseases</i> ... ..	{	
<i>Cancer Research</i> ... ..	{	

## DEPARTMENT OF BACTERIOLOGY AND PREVENTIVE MEDICINE.

		Professor of Bacteriology, and Director of the Department of Bacteriology and Preventive Medicine, H. B. MAITLAND, M.D. (Toronto), M.Sc. (Manchester), M.R.C.S. (England), L.R.C.P. (London).
		Lecturers in Bacteriology, A. W. DOWNIE, M.D. (Aberdeen). R. W. FAIRBROTHER, M.D. (Manchester), M.R.C.P.
<i>Bacteriology and</i>		
<i>Preventive Medicine</i>	...	Lecturer in Sanitary and Bacteriological Chem- istry, HARRI HEAP, M.Sc. (Manchester). Lecturer in Veterinary Bacteriology and Hygiene, C. A. MCGAUGHEY, M.Sc., D.V.S.M. (Man- chester), M.R.C.V.S. Honorary Lecturer in Veterinary Hygiene, WILLIAM WOODS, F.R.C.V.S. (England). Assistant Lecturer in Bacteriology, J. C. KERRIN, M.D., D.P.H. (Aberdeen). Demonstrator in Chemistry, W. M. SHORTT, M.Sc. (Manchester).
<i>Public Health Administration</i>	{	Lecturers, J. J. BUTTERWORTH, M.D., D.P.H. (Manchester). E. H. WALKER, M.B., Ch.B., D.P.H. (Manchester).
<i>Factory Hygiene</i> ...	...	Lecturer, W. D. HOOD, M.B., Ch.B. (Glasgow), D.P.H. (Manchester).
<i>Vital Statistics</i> ...	...	Lecturer, E. H. SCHOLEFIELD, M.B., Ch.B. (Oxford), M.R.C.S., L.R.C.P. (London), D.P.H. (Man- chester).
<i>Sanitary Engineering</i> ...	{	Lecturer, G. S. COLEMAN, D.Sc. (Eng.) (London), Assoc. M.Inst. C.E., Assoc. M.Inst. Mun. & Cy.E., F.R.San.I.

Also the Professors and Lecturers in Chemistry, Physics, and Biology.

## SCHOOL OF DENTAL SURGERY.

<i>Dental Surgery</i> ...	{	Professor and Director of the Dental Hospital, F. C. WILKINSON, M.D., B.D.S. (Liverpool), D.D.Sc. (Melbourne).
<i>Dental Anatomy &amp; Physiology</i>	Lecturer,	
<i>Dental Mechanics and Dental</i>	Lecturer, A. C. W. HUTCHINSON, M.D.S., L.D.S.	
<i>Prosthetics</i> ...	(Manchester).	
<i>Practical Operative Dental</i>	{	Lecturer, EDGAR HOUGHTON, L.D.S. (England).
<i>Surgery</i> ...		
<i>Regional Surgery</i> ..	Lecturer, A. GRAHAM-BRYCE, M.D., D.P.H. (Man- cheester), F.R.C.S.	
<i>Dental Histology</i> ...	{	Lecturer, E. B. MANLEY, L.D.S. (Manchester). Demonstrator,
<i>Dental Metallurgy</i> ..	Professor, F. C. THOMPSON, B.Sc. (London), M.Sc. (Manchester), D.Met. (Sheffield).	
<i>Dental Materia Medica</i> ...	Lecturer, FELIX RAWSTHORNE, L.D.S. (England).	
<i>Dental Bacteriology</i> ..	Professor, H. B. MAITLAND, M.D. (Toronto), M.Sc. (Manchester), M.R.C.S., L.R.C.P.	
<i>Orthodontics</i> . . .	Lecturer, T. MARTIN HUGHES, M.R.C.S., L.R.C.P., L.D.S. (England).	
<i>Dental Pathology and Surgery</i>	Lecturer, HAROLD SIMMS, M.D. (Manchester), L.D.S. (England).	
<i>Medicine for Dental Students</i>	Lecturer, A. H. HOLMES, M.D. (Manchester), M.R.C.P.	

Also the Professors and Lecturers in Physics, Chemistry, Zoology, Anatomy, Physiology, Medicine, and Surgery.

## PHARMACEUTICAL DEPARTMENT.

<i>Materia Medica and Therapeutics</i> ... ..	{	Leech Professor,
		Reader in Materia Medica and Therapeutics, A. D. MACDONALD, M.A., M.B., Ch.B. (Edinburgh).
		Lecturer in Dental Materia Medica, FELIX RAWSTHORNE, L.D.S. (England).
		Assistant Lecturer in Pharmacology, T. H. B. BEDFORD, M.Sc., M.B., Ch.B. (Leeds), M.R.C.P.
<i>Pharmaceutics</i> ... ..	{	Senior Lecturer, JAMES GRIER, M.Sc. (Manchester), Ph.C.
		Lecturer in Pharmaceutical Chemistry, HARRY BRINDLE, B.Sc. (London), F.I.C., Ph.C.
		Lecturer, IVY ROBERTS, M.Sc. (Manchester), Ph.C.
		Assistant Lecturer, JEANNETTE DUNCAN, B.Sc. (Manchester), Ph.C.
		Demonstrators,
		KENNETH BULLOCK, M.Sc., Ph.D. (Manchester).
		S. L. PRESCOTT, B.Sc. (Manchester).
		HARRY BURLINSON, M.P.S.
		J. M. ROWSON, M.P.S.

Also the Professors and Lecturers in Physics, Chemistry, and Botany

## MUSIC.

<i>Harmony and Musical Composition</i> ... ..	{	Lecturer, THOMAS KRIGHLEY, Mus.D. (Manchester).
<i>History of Music</i> ... ..	{	Lecturer, A. W. WILCOCK, Mus.D. (Manchester).
<i>Acoustics</i> ... ..	{	Professor, W. L. BRAGG, M.A. (Cambridge), Sc.D. (Dublin), M.Sc. (Manchester), F.R.S., Nobel Laureate.
	{	Senior Lecturer, E. C. S. DICKSON, B.A. (Cambridge), Ph.D. (Bonn).

Also the Professors and Lecturers in the subjects of the Intermediate B.A. Examination.

## COMMERCE AND ADMINISTRATION.

<i>Economics</i> ... ..	{	Stanley Jevons Professor of Political Economy and Cobden Lecturer, G. W. DANIELS, M.A., M.Com. (Manchester).
		Reader in Economic History, ARTHUR REDFORD, M.A., Ph.D. (Manchester).
		Reader in Currency and Finance, T. S. ASHTON, M.A. (Manchester).
		Senior Lecturer in Commerce, JOHN JEWELLS, M.Com. (Manchester).
		Senior Lecturer in Agricultural Economics, JOHN ORR, M.A. (Glasgow), Adviser under the Ministry of Agriculture Advisory Scheme.
		Assistant Lecturer in Economics, S. G. ROBERTS, B.Com. (Manchester).
		Gartside Research Assistant in Commerce and Administration, FRANCES COLLIER, M.A. (Manchester).
		Staff Tutor for Tutorial Classes, WILLIAM BRUCE, B.Sc. (London).

<i>Geography</i> ... ..	Professor, H. J. FLEURE, D.Sc. (Wales).
	Lecturer, WALTER FITZGERALD, M.A. (Liverpool).
	Special Lecturer, MABEL C. WRIGHT, A.R.C.Sc. (Ireland).
	Assistant Lecturer, RONALD MILLER, M.A. (Edinburgh).
	Lecture Assistant and Secretary, ELWYN DAVIES, B.A. (Wales), M.Sc. (Manchester).
<i>Statistics</i> ... ..	Robert Otley Lecturer in Economic Statistics, HARRY CAMPION, M.A. (Com.) (Manchester).
<i>Banking</i> ... ..	Drummond-Fraser Lecturer in Practical Banking, WILLIAM CUNLIFFE.
<i>Accounting</i> ... ..	Lecturer, R. H. E. WILKINSON, F.C.A.
	Assistant Lecturer, M. WHEATLEY JONES, B.Com. (Manchester).
<i>Railway and Factory Law</i> ...	Lecturer, H. P. TURNER, M.A., LL.M. (Manchester).
<i>Law</i> ... ..	Professor, R. A. EASTWOOD, LL.D. (Manchester).
	Senior Lecturer, R. Y. HEDGES, LL.D. (Manchester), Diplôme de Hautes Etudes Internationales (Geneva).
	Lecturer, ARCHIBALD McDUGALL, B.A. (Tasmania), M.A., B.C.L. (Oxford).
<i>Modern History</i> .. ..	Professor, L. B. NAMIER, M.A. (Oxford).
	Lecturer, EDWARD HUGHES, M.A. (Manchester).
<i>Political Philosophy and Public Administration</i> ..	Professor of Philosophy, J. L. STOCKS, D.S.O., M.A. (Oxford and Manchester).
	Special Lecturer in Public Administration, A. L. DAKYNS, M.A. (Oxford).
	Assistant Lecturer in Philosophy, A. E. TEALIE, B.A. (Leeds).
<i>Industrial Psychology</i> ... ..	Professor, T. H. PEAR, M.A. (Manchester), B.Sc. (London).
	Lecturer, H. E. O. JAMES, B.A., M.Sc. (Manchester).
	Special Lecturer, STANLEY WYATT, M.Sc., M.Ed. (Manchester).
<i>Administration of Education</i> .	Professor, J. F. DUFF, M.A. (Cambridge).
<i>Social Study</i> ... ..	Supervisor of Practical Work, JEAN C. WYATT, M.A. (Edinburgh), Warden of the University Settlement.
	Special Lecturer in the Principles of Practical Work, MARY STOCKS, B.Sc. (Econ.) (London).

Also the Professors and Lecturers in French, German, Spanish, Russian, Italian, Arabic, and Chinese, and in the subjects in Science and Technology which may be offered for the degrees in Commerce and Administration.

## THEOLOGY.

<i>Hellenistic Greek</i> ... ..	{	Lecturer, The Rev. HERBERT McLACHLAN, M.A., D.I. (Manchester).
<i>Semitic Languages</i> ... ..	{	Professor, MAURICE A. CANNEY, M.A. (Oxford and Manchester). Special Lecturer, The Rev. THOMAS FISH, Ph.D. (Cambridge). Assistant Lecturer, F. D. COGGAN, B.A. (Cambridge).
<i>Biblical Criticism and Exegesis</i> ... ..	{	Rylands Professor, The Rev. C. H. DODD, M.A. (Oxford), D.D. (Aberdeen). Reader in Old Testament, The Rev. W. L. WARDLE, M.A. (Cambridge), D.D. (Dublin). Lecturers in New Testament, The Rev. F. P. CHEETHAM, M.A. (Cambridge). The Rev. J. A. FINDLAY, M.A. (Cambridge).
<i>Comparative Religion</i> ... ..	{	Professor, The Rev. JOHN MURPHY, M.A., D.D., D.Litt. (Glasgow).
<i>History of Doctrine</i> ... ..	{	Lecturers, The Rev. HENRY TOWNSEND, M.A. (R.U.I.), D.D. (London). The Rev. J. T. BREWIS, B.A., B.D. (Manchester). The Rev. G. W. M. MACLEAVY, M.A. (Manchester), B.D. (London).
<i>Philosophy of Religion</i> ... ..	{	Professor, W. H. MOBERLY, D.S.O., M.A. (Oxford), Litt.D. (Manchester). Lecturer, ATKINSON LEE, M.A. (Cambridge).
<i>Ecclesiastical History</i> ... ..	{	Bishop Fraser Lecturer in History, C. R. CHENEY, M.A. (Oxford).
<i>Early Church History</i> ... ..	{	Lecturer, The Rev. A. J. GRIEVE, M.A. (Oxford), D.D. (London).
<i>Psychology of Religion</i> ... ..	{	Lecturer, ATKINSON LEE, M.A. (Cambridge).
<i>Christian Ethics</i> ... ..	{	Lecturer, The Rev. E. W. HIRST, M.A. (London), B.Sc. (Oxford).

Also the Professors and Lecturers in Classics, German, History, Philosophy, and the Sciences.

## TECHNOLOGY.

<i>Mathematics</i> ... ..	{	Lecturers, FRANK BOWMAN, M.A. (Cambridge), M.Sc. Tech. (Manchester), Head of the Department of Mathematics in the College of Technology. JAMES TOPPING, M.Sc. (Manchester), Ph.D. (London), Lecturer in the College of Technology. Assistant Lecturers, H. TILSLEY, B.Sc. (Eng.) (London). J. H. HAWKES, M.Sc. (Manchester). Lecturers in the College of Technology. ARTHUR HOWARTH, B.Sc. (Manchester), Assistant Lecturer in the College of Technology.
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- Mechanical Engineering* ... { Professor, DEMPSTER SMITH, M.B.E., M.Sc.Tech. (Manchester), M.I.Mech.E.  
Lecturers,  
R. O. BOSWALL, B.Sc. (Eng.) (London), M.Sc.Tech. (Manchester), A.M.I.Mech.E.  
H. TRELFALL, F.R.C.S.I., M.Sc.Tech. (Manchester),  
R. M. FERGUSON, M.Sc. (Manchester), A.M.I.Mech.E.  
T. BEVAN, M.Sc. Tech. (Manchester), A.M.I.Mech.E.  
J. C. OAKDEN, M.A. (Cambridge), M.Sc.Tech. (Manchester), A.M.I.Mech.E.  
Lecturers in the College of Technology.  
Assistant Lecturers in Mechanical Engineering,  
J. C. BRIERLEY, M.Sc.Tech. (Manchester), A.M.I.Mech.E., Lecturer in the College of Technology.  
N. W. COE, M.Sc. Tech. (Manchester), A.M.I.Mech.E., Assistant Lecturer in the College of Technology.  
B. J. TAMS, B.Sc.(Eng.)(London), A.M.I.Mech.E., Assistant Lecturer in the College of Technology.  
R. H. GRUNDY, M.Eng., Ph.D. (Liverpool), A.M.I.Mech.E., Assistant Lecturer in the College of Technology.  
J. R. WHITTAKER, M.Sc.Tech. (Manchester), A.M.I.Mech.E., Assistant Lecturer in the College of Technology.
- Electrical Engineering* ... { Professor, JOHN HOLLINGWORTH, M.A. (Cambridge), D.Sc. (London), M.I.E.E.  
Lecturers,  
J. L. LANGTON, M.Sc. (Manchester), M.I.E.E.  
Chief Lecturer in the College of Technology.  
A. E. MOORE, M.Sc.Tech. (Manchester), M.I.E.E.  
A. E. CLAYTON, D.Sc.(Eng.) (London), M.I.E.E.  
Lecturers in the College of Technology.  
Assistant Lecturers,  
ARVON GLYNNE, M.A. (Cambridge), A.M.I.E.E.  
G. F. FREEMAN, M.Sc. (Eng.) (London) A.M.I.E.E., A.M.I.Mech.E.  
E. A. HANNRY, M.Eng. (Sheffield).  
Assistant Lecturers in the College of Technology.
- Physics* ... { Lecturers,  
HARRY LOWERY, M.Sc., Ph.D. (London), M.Ed. (Leeds), Head of the Department in the College of Technology.  
H. P. WALMSLEY, D.Sc. (Manchester), Lecturer in the College of Technology.  
Assistant Lecturers,  
H. N. MERCER, M.A. (Toronto), Ph.D. (London) D.I.C.  
WILLIAM ANDERSON, B.Sc. (Glasgow),  
Lecturers in the College of Technology.  
Demonstrator, JOSEPH BOR, B.Sc., M.Sc.Tech. (Manchester), Demonstrator in the College of Technology.
- Municipal Engineering* ... { Lecturers in Municipal Engineering,  
G. S. COLEMAN, D.Sc. (Eng.) (London), Assoc. M.Inst.C.E., Assoc.M.Inst.Mun. & Cy.E. F.R.San.I., Director of the Department in the College.  
ALBERT JOHNSON, M.Sc. (Durham) A.M.Inst.C.E., F.R.San.I., M.Inst.Mun. and Cy.E., Lecturer in the College of Technology  
Assistant Lecturers in Municipal Engineering,  
A. S. CHADWICK, L.R.I.B.A., M.R.San.I.  
HAROLD WALTON, B.Sc.Tech. (Manchester) A.M.Inst.Mun. and Cy.E.  
Assistant Lecturers in the College of Technology.

*Applied Chemistry ... ..*

Professor of Technological Chemistry, JAMES KENNEDY, D.Sc. (London), Ph.D. (Heidelberg), F.R.S.  
 Lecturer in Organic Chemistry,  
 Lecturer in Physical Chemistry, J. K. WOOD, D.Sc. (Manchester), Lecturer in the College of Technology.  
 Lecturer in Fuels, ANDREW McCULLOCH, M.Sc.Tech. (Manchester), Lecturer in the College of Technology.  
 Lecturers in Applied Chemistry,  
 T. K. WALKER, D.Sc., Ph.D. (Manchester).  
 O. R. HOWELL, B.Sc. (Wales), Ph.D. (Cambridge, Wales, and Zurich), D.Sc. (Manchester).  
 Lecturers in the College of Technology.  
 Lecturer in Metallurgy and Assaying, CECIL HANDFORD, M.Met. (Sheffield), Lecturer in the College of Technology.  
 Lecturer in Cellulose Chemistry, S. M. NEALE, M.Sc. (Liverpool), Lecturer in the College of Technology.  
 Lecturer in Tinctorial Chemistry and Dyestuffs, WILLIAM BRADLEY, M.Sc., Ph.D. (Manchester), Lecturer in the College of Technology.  
 Special Lecturer in Applied Chemistry, DAVID CARDWELL, M.Sc., B.Com. (Manchester), Special Lecturer in the College of Technology.  
 Assistant Lecturers in Applied Chemistry,  
 MARION CHADWICK, M.Sc.Tech. (Manchester), Lecturer in Foodstuffs in the College of Technology.  
 MAY B. CRAVEN, M.Sc.Tech. (Manchester).  
 A. HANCOCK, M.Sc.Tech. (Manchester).  
 Assistant Lecturers in the College of Technology.  
 Assistant Lecturer in Electro-Chemistry, VINCENT BLOOMER, M.Sc. (Manchester). Assistant Lecturer in the College of Technology.  
 Assistant Lecturer in Physical Chemistry, A. F. H. WARD, B.Sc. (London), M.A., Ph.D., (Cambridge), Assistant Lecturer in the College of Technology.  
 Assistant Lecturer in Metallurgy and Assaying, R. A. FOWLER, B.Sc. (Glasgow), Assistant Lecturer in the College of Technology.  
 Demonstrators in Chemical Technology,  
 J. D. MOUNFIELD, M.Sc.Tech. (Manchester), Assistant Lecturer in Foodstuffs in the College of Technology.  
 HERBERT SHAW, M.Sc.Tech. (Manchester).  
 L. W. DERRY, B.Sc. (Birmingham).  
 FRANK MORTON, M.Sc.Tech. (Manchester).  
 F. S. STATHAM, Ph.D. (Sheffield).  
 Demonstrators in the College of Technology.

*Textile Chemistry ... ..*

Lecturer in Bleaching, Dyeing and Printing, FRED SCHOFFIELD, B.Sc. (London), M.Sc. (Manchester and Leeds), Head of the Department in the College of Technology.  
 Lecturer in Paper-Making, J. W. BAILEY, Lecturer in the College of Technology.  
 Assistant Lecturer in Applied Chemistry, EVA HINDMINT, M.Sc.Tech. (Manchester), Assistant Lecturer in the College of Technology.  
 Assistant Lecturer in Textile Chemistry, J. M. PRESTON, B.Sc. (Liverpool), Assistant Lecturer in the College of Technology.  
 Demonstrator in Textile Chemistry, H. A. TURNER, M.Sc. (Sheffield), Demonstrator in the College of Technology.

	Professor of Textile Technology, W. E. MORTON, M.Sc.Tech. (Manchester). Lecturer in Spinning, HORACE SPIBRY, M.Sc.Tech. (Manchester). Lecturer in the College of Technology. Lecturer in Weaving and Textile Engineering, W. A. HANTON, M.Sc.Tech. (Manchester), Head of the Weaving Section in the College of Technology. Lecturer in Textile Design, EMILY R. DUST, Lecturer in the College of Technology. Lecturer in Factory Law, H. P. TURNER, M.A., F.L.M. (Manchester), Special Lecturer in the College of Technology. Special Lecturer in Yarn and Cloth Markets, K. W. BOWDEN, B.Com. (Manchester), Special Lecturer in the College of Technology. Special Lecturer in Hosiery Manufacture, E. F. DURAND, Special Lecturer in the College of Technology. Assistant Lecturer in Textile Industries, J. M. ESSAM, M.Sc.Tech. (Manchester), Assistant Lecturer in the College of Technology. Assistant Lecturer in Weaving, G. A. BENNETT, M.A. (Com.), M.Sc.Tech. (Manchester), Assistant Lecturer in the College of Technology. Assistant Lecturer in Textile Engineering, ARTHUR RILEY, B.Sc., M.Sc. Tech. (Manchester), A.M.I.Mech.E., Assistant Lecturer in the College of Technology.
<i>Textile Industries</i> ... ..	
<i>Modern Languages</i> ... ..	{ Assistant Lecturers, R. S. EATON, M.A. (Manchester), Lecturer in the College of Technology. H. S. JACKSON, B.A. (Manchester), Assistant Lecturer in the College of Technology.
<i>Building Construction</i> ... ..	{ Lecturer in Building Construction, W. B. McKAY, M.Sc.Tech. (Manchester), M.R.San.I., M.I.Struct.E., Head of the Building Department in the College of Technology. Assistant Lecturers in Building Construction, A. V. WILSON, M.I.Struct.E., D. A. G. REID, B.Sc. (Eng.), (Glasgow), A.M.I.C.E. W. A. S. CORMACK, A.R.I.B.A. Assistant Lecturers in the College of Technology.
<i>Mining</i> ... ..	{ Lecturer, N. T. WILLIAMS, B.Sc. (Wales), M.J.Min.E., Lecturer in the College of Technology.
<i>Industrial Administration</i> ... ..	{ Lecturer, K. G. FENELON, M.A., Ph.D. (Edinburgh), Director of the Department in the College of Technology. Lecturer, D. J. GARDEN, M.A., B.Com. (Aberdeen). Lecturer in the College of Technology. Assistant Lecturer, M. L. YATES, M.Sc.Tech. (Manchester), A.M.I.Mech.E., Lecturer in the College of Technology.

## EDUCATION.

	{ Sarah Fielden, Professor of Education and Director of the Department of Education, J. F. DUFF, M.A. (Cambridge).
	Honorary Professor, J. J. FINDLAY, M.A. (Oxford), Ph.D. (Leipzig), M.Ed. (Manchester).
	Lecturers,
	LAURA E. START, M.Ed. (Manchester).
	MARGARET E. EGGAR, N.F.U.
	WINIFRED HINDSHAW, M.A., M.Ed. (Manchester).
	GLADYS CONWAY, B.A. (Liverpool).
	The Rev. S. F. JACKSON, M.A. (Manchester and Liverpool), Litt.D. (Liverpool).
<i>Education</i> ... ..	WINIFRED S. CLARKE, M.Sc. (Manchester) (Bergman-Osterberg Physical Training College).
	J. H. HELM, B.A., LL.B. (Cambridge).
	PHYLLIS M. BORTEWICK, M.Sc. (Bristol), B.Sc. (London).
	B. T. STANLEY, M.A. (Oxford).
	NORMAN HAYCOCKS, M.A. (Manchester).
	Honorary Lecturer, CRYSTIE M. JENKIN JONES, B.A. (Wales).
	Special Lecturer in Speech Training, A. W. G. EWING, M.A. (Edinburgh), Ph.D. (Manchester).
	Assistant in Handwork and Drawing, HILDA F. COLLINS.
<i>Instructor in Singing</i> ... ..	THOMAS KEIGHLEY, Mus.D. (Manchester).
<i>Medical Officer for Men Training Students</i> }	C. H. MELLAND, M.D. (London), B.Sc. (Manchester), F.R.C.P.
<i>Medical Officer for Women Training Students</i> }	CATHERINE CHISHOLM, B.A., M.D. (Manchester).
<i>Instructor in Gardening</i> ...	EDITH MIDDLETON.

## DEPARTMENT OF EDUCATION OF THE DEAF.

	{ Ellis Llwyd Jones Reader, IRENE R. EWING, M.Sc. (Manchester).
<i>Education of the Deaf</i> ... ..	Honorary Special Lecturer, A. W. G. EWING, M.A. (Edinburgh), Ph.D. (Manchester).
	Research Physicist, T. S. LITTLER, M.Sc. (Manchester).
	Assistant Lecturer, DOROTHY I. BRODIE.

## EXTRA-MURAL STUDIES.

Director of the Department, H. P. TURNER, M.A., LL.M. (Manchester).

Staff Tutor, WILLIAM BRUCE, B.Sc. (London).

Resident Tutor (Bacup Area), A. J. ALLAWAY, B.A. (Sheffield).

## AGRICULTURAL ADVISORY STAFF.

(Under the Ministry of Agriculture Advisory Scheme.)

	{ Senior Lecturer and Adviser, JOHN ORR, M.A. (Glasgow).
<i>Agricultural Economics</i> ... ..	Assistant to the Adviser, JOHN STEWART, B.Sc. (Agric.) (Edinburgh).
	Secretary, HAZEL J. PERRY, A.U.R.
<i>Agricultural Chemistry</i> ... ..	Lecturer and Adviser, ROBERT STEWART, B.Sc., Ph.D. (Edinburgh).
<i>Agricultural Entomology</i> ... ..	Lecturer and Adviser, H. W. MILES, M.Sc. (Bristol), Ph.D. (Manchester).
<i>Agricultural Botany</i> ... ..	Senior Lecturer and Adviser, A. E. HOLMES SMITH, B.Sc. (Edinburgh).

### Adamson Lecturers.

NOTE.—The Adamson Lecture was founded in 1903 by friends and former colleagues of the late Professor Adamson, who held the Chair of Logic in Owens College from 1876–1893.

The lecture is usually delivered biennially by some person of distinction in Philosophy, Literature, or Science.

- 1905 Professor James Ward, Sc.D., LL.D.: "Mechanism and Morals: The World of Science and the World of History."  
 1907 Professor Sir J. J. Thomson, D.Sc., Ph.D., LL.D., F.R.S.: "The Electrical Basis of Modern Physical Theories."  
 1909 Professor A. C. Bradley, LL.D., Litt.D.: "English Poetry and German Philosophy in the age of Wordsworth."  
 1910 Sir A. W. Ward, LL.D., Litt.D., Master of Peterhouse: "Leibniz as a Politician."  
 1913 Mr. Bernard Bosanquet, M.A., LL.D., D.C.L.: "The Distinction between Mind and its Objects."  
 1914 Professor C. S. Sherrington, M.A., D.Sc., M.D., F.R.C.P., F.R.S.: "Animal Spirits."  
 1919 Professor Gilbert Murray, M.A., LL.D., D.Litt., F.B.A.: "Satanism and the World Order."  
 1921 Professor A. Einstein, D.Sc.: "Relativity."  
 1923 Professor O. Elton, M.A., Litt.D.: "Reason and Enthusiasm in the Eighteenth Century."  
 1925 Honorary Professor Samuel Alexander, M.A., Litt.D., LL.D., D.Litt., F.B.A.: "Art and the Material."  
 1927 Professor A. S. Eddington, D.Sc., F.R.S.: "The Mystery of Time."  
 1930 Professor H. J. C. Grierson, Litt.D., LL.D.: "Carlyle and the Hero."  
 1932 Professor N. Kemp Smith, M.A., D.Phil., LL.D., F.B.A.: "John Locke."

### Warburton Lecturers.

NOTE.—The Lectures and the Warburton Scholarship in Local Government are provided from the income of a bequest of £1,000 made by the late Thomas Warburton, Esq., of Manchester, to the Owens College, to be applied in such a way as the Governors might deem best for promoting and encouraging the study of the best methods of Local Government and the Law, for the time being, relating to Local Government.

- 1899 The Principal of the Owens College (Mr. Alfred Hopkinson, K.C., LL.D., M.A., B.C.L.): "On the Contracts of Local Authorities."  
 Mr. Percival Birkett: "Provision and Regulation of Open Spaces by Local Authorities."  
 1900 Mr. James Tait, M.A.: "Manchester under Lords of the Manor."  
 Right Hon. James Bryce: "Risks incident to Local Government, American and English."  
 1902 Mr. Reginald Blomfield: "Municipal Bodies and Architecture."  
 Mr. Robert Dunlop, M.A.: "Local Government in Austria."  
 1903 Mr. Edwin Cannan, M.A., LL.D.: "The Financial Relations of Local Authorities to the Central Government and each other."  
 Right Hon. James Bryce, M.P.: "What Local Authorities can do for Art and Nature."  
 1904 Mr. Ralph Neville, K.C.: "Garden Cities."  
 1905–6 Miss Mary Bateson: "Customary Law in the Medieval Borough."  
 "1. Archaic Law in Borough Customs."  
 "2. Influence of Borough Customs on the Statute Law."  
 1906–7 Sir Robert Hunter, Kt., M.A.: "The Preservation of Places of Interest or Beauty."  
 Mr. F. C. Horsfall, J.P., M.A.: "Our Towns and their Suburbs."  
 1907–8 Mr. Sidney Webb, LL.B., L.C.C.: "The Government of Manchester." (Two lectures.)  
 1908–9 Professor Paul Vinogradoff, M.A., D.C.L.: "Village Communities." (Two lectures.)  
 1909–10 Professor C. F. Bastable, M.A., LL.D.: "The Local Budget, studied comparatively," and "The Characteristic Forms of Local Taxation." (Two lectures.)  
 1910–11 Professor George Unwin, B.A.: "The Medieval City:"  
 1. "Outward Structure; Precinct Survivals."  
 2. "Inward Structure, the Evolution of the Civic Community." (Two lectures.)

- 1911-12 Mr. Paul Waterhouse, M.A., F.R.I.B.A.: "Old Towns and New Needs."  
Mr. Raymond Unwin, F.R.I.B.A.: "The Town Extension Plan."
- 1912-13 Rev. P. H. Wicksteed, M.A.: "The Implications of Taxation, Imperial and Municipal."
- 1913-14 Mr. B. Seelohm Rowntree: "Is the adequate housing of the workers economically possible?"  
Professor A. C. Pigou, M.A.: "Some aspects of the Housing Problem."
- 1914-15 No lecture.
- 1915-16 No lecture.
- 1916-17 Professor Sir Paul Vinogradoff, M.A., D.C.L., LL.D., F.B.A.: "The Russian Unions and the Revolution."
- 1919-20 Mr. E. D. Simon, M.A., M.I.Mech.E., M.I.C.E.: "Manchester's Housing Problem."
- 1920-21 Professor J. H. Jones, M.A.: "Some Post-War Problems of Local Finance."
- 1921-23 No lecture.
- 1923-29 Mr. J. L. Hammond: "The Place of Town Life in Social History." (Two lectures.)
- 1929-30 Mr. Montagu Harris, C.B.E., M.A.:  
1. "English and German Local Government Compared."  
2. "The Sphere of the State in Local Administration."
- 1930-31 Mr. I. G. Gibbon, C.B.E., D.Sc.: "Some Problems of Local Government." (Two lectures.)

## Ludwig Mond Lecturers.

NOTE.—These Lectures were founded in 1923 under a bequest of £2,000 made by the late Mrs. Frederike Mond for the institution of Lectures in the University in memory of her husband.

- 1924-25 Honorary Professor H. B. Dixon, C.B.E., M.A., D.Sc., Ph.D., F.R.S.: "The Life and Work of Ludwig Mond."  
Sir Israel Gollancz, Litt.D., F.B.A.: "The Cædmon Manuscript—Its Art and Poetry."
- 1925-26 Sir W. B. Hardy, F.R.S.: "Adhesion, Friction, and Chemical Constitution."  
Sir William Ridgeway, Sc.D., F.B.A.: "The Origins of Ballad Poetry."
- 1926-27 Sir William Bragg, K.B.E., F.R.S.: "The Imperfect Crystallisation of Common Things."  
Sir Richard Lodge, Litt.D.: "The Tyranny of Political Terms in History."
- 1927-28 Sir Walford Davies, Mus.Doc., LL.D., F.R.C.O.: "The Mind of Handel."  
Sir Arthur Keith, M.D., LL.D., F.R.S.: "The Implications of Darwinism."
- 1928-29 Professor A. V. Hill, O.B.E., M.A., Sc.D., F.R.S., Nobel Laureate: "The Maintenance of Life and Irritability in Isolated Animal Tissues."  
Sir J. Arthur Salter, K.C.B.: "Ten Years of European Reconstruction."
- 1929-30 J. M. Keynes, C.B., M.A.: "The Advisability of Methods other than High Wages as a Means of Improving the Conditions of the Working Class."  
Sir Thomas Holland, K.C.S.I., K.C.I.E., D.Sc., LL.D., F.R.S.: "Formation and Destruction of Mineral Deposits."
- 1930-31 Sir John Simon, P.C., G.C.S.I., K.C.V.O., D.C.L., LL.D., M.P.: "The Indian Constitution."  
Sir Henry A. Miers, M.A., D.Sc., LL.D., F.R.S.: "The Museum as an Instrument of Education."  
Professor William McDougall, D.Sc., F.R.S.: "Our Science and our Civilisation."
- 1931-32 Sir Josiah Stamp, C.B.E., D.Sc., LL.D., F.B.A.: "The Present Position of Monetary Science."  
Sir James H. Jeans, D.Sc., LL.D., F.R.S.: "The New Universe of Astronomy."
- 1932-33 W. B. Yeats, D.Litt., LL.D.: "The New Ireland."  
Sir James Frazer, O.M., D.C.L., D.Litt., LL.D., F.R.S.: "The Fear of the Dead in Primitive Religions."

## Former Chancellors of the University.

*Elected.*

- 1880 William Cavendish, Seventh Duke of Devonshire, K.G., D.C.L., LL.D. deceased 1891
- 1891 John Poyntz Spencer, Fifth Earl Spencer, K.G., D.C.L., LL.D. resigned 1907
- 1907 Spencer Compton Cavendish, Eighth Duke of Devonshire, G.C.V.O., K.G., P.C., F.R.S., D.C.L., LL.D. deceased 1908
- 1908 John Morley, First Viscount Morley of Blackburn, O.M., P.C., M.A., LL.D., D.C.L., F.R.S. resigned 1923

**Former Vice-Chancellors of the University.***(Since its reconstitution in 1903.)*

1900	Sir Alfred Hopkinson, K.C., LL.D., M.A., B.C.L.	...	...	resigned	1913
1913	Frederick Ernest Weiss, M.Sc., D.Sc.	...	...	term of appointment expired	1915
1915	Sir Henry Alexander Miers, M.A., D.Sc., LL.D., Ph.D., F.R.S.	...	...	term of appointment expired	1926

**Principals of Owens College.***Appointed.*

1851	Alex. John Scott, M.A.	...	...	resigned	1857
1857	J. G. Greenwood, LL.D.	...	...	resigned	1889
1889	A. W. Ward, Litt.D., LL.D., Ph.D.	...	...	resigned	1897
1898	Alfred Hopkinson, K.C., LL.D., M.A., B.C.L.	...	...	became Vice-Chancellor of the University,	1903

**Former Professors.***Appointed.*

1851	Greek	...	...	J. G. Greenwood, B.A., LL.D.	resigned	1885
1851	Latin	...	...	do.	resigned	1869
1851	Hebrew	...	...	Alex. John Scott, M.A.	resigned	1860
1851	Comp., Gram., and Eng. Lang. and Literature	...	...	do.	deceased	1866
1851	History	...	...	J. G. Greenwood, B.A., LL.D.	resigned	1854
1851	Logic & Mental & Moral Phil.	...	...	Alex. John Scott, M.A.	deceased	1866
1851	Mathematics	...	...	Arch. Sandeman, M.A.	resigned	1865
1851	Chemistry	...	...	F. Frankland, D.C.L., F.R.S.	resigned	1857
1851	Zoology	...	...	W. C. Williamson, F.R.S.	resigned	1879
1851	Botany	...	...	do.	resigned	1892
1851	Geology	...	...	do.	resigned	1872
1854	Political Economy	...	...	Richard G. Christie, M.A.	resigned	1866
1855	Jurisprudence	...	...	do.	resigned	1869
1857	Chemistry	...	...	Sir Henry E. Roscoe, LL.D., F.R.S.	resigned	1886
1860	Natural Philosophy	...	...	Robert B. Clifton, M.A.	resigned	1866
1865	Mathematics	...	...	Thomas Barker, M.A.	resigned	1885
1866	Modern Languages	...	...	T. Theodores	resigned	1879
1866	Hebrew	...	...	do.	resigned	1864
1866	English Language	...	...	A. W. Ward, Litt.D., M.A.	resigned	1875
1866	English Literature	...	...	do.	resigned	1889
1866	History	...	...	do.	resigned	1897
1866	Logic, Mental & Moral Philosophy, & Political Economy	...	...	W. S. Jevons, M.A., F.R.S.	resigned	1876
1866	Natural Philosophy	...	...	William Jack, M.A.	resigned	1870
1868	Engineering	...	...	Osborne Reynolds, M.A., LL.D., F.R.S.	resigned	1905
1869	Jurisprudence and Law	...	...	James Bryce, D.C.L.	resigned	1875
1869	Latin	...	...	A. S. Wilkins, M.A., Litt.D., LL.D.	resigned	1903
1870	Natural Philosophy	...	...	Balfour Stewart, M.A., LL.D., F.R.S.	deceased	1887
1870	Physics	...	...	Thomas H. Core, M.A.	resigned	1905
1873	Comparative Philology	...	...	A. S. Wilkins, M.A., Litt.D., LL.D.	resigned	1890
1873	Physiology	...	...	William Smith, F.R.C.S.	deceased	1875
1873	Physiology	...	...	A. Gaunee, M.D., F.R.S.	resigned	1885
1873	Medicine	...	...	Sir Wm. Roberts, M.D., F.R.S.	resigned	1887
1873	do.	...	...	J. E. Morgan, M.D., F.R.C.P.	resigned	1891
1873	Surgery	...	...	George Southam, F.R.C.S.	deceased	1876
1873	do.	...	...	Edward Lund, F.R.C.S.	resigned	1888

*Appointed.*

1874	Organic Chemistry	...	...	Carl Schorlemmer, LL.D., F.R.S.	deceased 1892
1874	Anatomy	...	...	M. Watson, M.D., F.R.S.	deceased 1885
1874	Geology	...	...	*W. Boyd Dawkins, M.A., D.Sc., F.R.S.	resigned 1908
1875	Law	...	...	Alfred Hopkinson, M.A., B.C.L.	resigned 1890
1876	Logic & Mental & Moral Phil.	...	...	Robert Adamson, M.A., LL.D.	resigned 1893
1876	Political Economy	...	...	do.	resigned 1882
1876	Obstetrics	...	...	John Thorburn, M.D.	deceased 1885
1879	Zoology	...	...	A. Milnes Marshall, M.A., M.D., D.Sc., F.R.S.	deceased 1893
1880	English Language	...	...	T. N. Toller, M.A.	resigned 1903
1881	Applied Mathematics	...	...	*A. Schuster, Ph.D., F.R.S., D.Sc.	resigned 1888
1881	Pathology	...	...	Julius Dreschfeld, M.D., F.R.C.P.	resigned 1891
1881	Materia Medica, &c.	...	...	D. J. Leech, M.D., D.Sc., F.R.C.P.	deceased 1900
1882	Political Economy	...	...	J. E. C. Munro, LL.M., LL.D.	resigned 1890
1882	Law	...	...	do.	resigned 1892
1885	Obstetrics	...	...	C. J. Cullingworth, M.D., F.R.C.P.	resigned 1888
1885	Greek Testament Criticism	...	...	J. G. Greenwood, B.A., LL.D.	resigned 1889
1885	Greek	...	...	John Strachan, M.A., LL.D.	deceased 1907
1885	Anatomy	...	...	Alfred H. Young, M.B., LL.D., F.R.C.S.	resigned 1909
1885	Mathematics	...	...	Horace Lamb, Sc.D., LL.D., D.Sc., F.R.S.	resigned 1920
1886	Physiology	...	...	William Stirling, M.D., D.Sc., LL.D.	resigned 1919
1887	Medicine	...	...	James Ross, LL.D., M.D., F.R.C.P.	deceased 1892
1887	Metallurgy	...	...	H. B. Dixon, M.A., F.R.S.	resigned 1906
1887	Chemistry	...	...	*H. B. Dixon, C.B.E., M.A., M.Sc., Ph.D., F.R.S.	resigned 1922
1888	Physics	...	...	Arthur Schuster, Ph.D., F.R.S., D.Sc.	resigned 1907
1888	Surgery	...	...	A. W. Hare, F.R.C.S.E.	resigned 1892
1888	Obstetrics and Gynæcology	...	...	Sir W. J. Sinclair, M.A., M.D., M.R.C.P.	deceased 1912
1890	Comparative Philology	...	...	John Strachan, M.A., LL.D.	deceased 1907
1890	History	...	...	T. F. Tout, M.A., D.Litt., F.B.A.	resigned 1925
1891	Medicine	...	...	Julius Dreschfeld, M.D., F.R.C.P.	deceased 1907
1891	Public Health and Bacteriology	...	...	A. Sheridan Delépine, M.B., C.M., M.Sc.	deceased 1921
1892	Surgery	...	...	Thomas Jones, M.B., F.R.C.S.	deceased 1900
1892	Forensic Medicine	...	...	J. Dixon Mann, M.D., F.R.C.P.	deceased 1912
1892	Clinical Surgery	...	...	Walter Whitehead, F.R.C.S.E.	resigned 1900
1892	Law	...	...	W. A. Copinger, M.A., LL.D.	deceased 1910
1892	Law	...	...	J. S. Seaton, M.A., B.C.L.	resigned 1918
1892	Chemistry	...	...	W. H. Perkin, M.Sc., Ph.D., Sc.D., LL.D., F.R.S.	resigned 1912
1892	Botany	...	...	F. E. Weiss, D.Sc., F.R.S.	resigned 1930
1893	Philosophy	...	...	Samuel Alexander, O.M., M.A., LL.D., Litt.D., F.B.A.	appointment expired 1924
1894	Public Health	...	...	Arthur Ransome, M.D., F.R.S.	resigned 1895
1894	Zoology	...	...	S. J. Hickson, M.A., D.Sc., D.Zool. and Bot., LL.D., F.R.S.	appointment expired 1926
1895	French	...	...	Victor Kastner, B. ès L., M.A.	resigned 1909

\* Subsequently Honorary Professor.

† Now Honorary Professor.



**Appointed.**

1895	German and Germanic Philology	Arwid Johannson, M.A.	appointment expired 1930
1898	Political Economy	A. W. Flux, M.A.	resigned 1901
1898	Law	Sir Alfred Hopkinson, K.C., LL.D., M.A., B.C.L.	resigned 1913
1899	Education	H. L. Withers, M.A.	deceased 1902
1900	Clinical Surgery	F. A. Southam, M.A., M.B., F.R.C.S.	resigned 1910
1900	Systematic Surgery	G. A. Wright, B.A., M.B., F.R.C.S.	resigned 1911
1901	Political Economy	S. J. Chapman, M.A., M.Com., C.B.E.	resigned 1918
1901	English Literature	C. H. Herford, Litt.D.	resigned 1921
1901	Chinese	E. H. Parker, M.A.	deceased 1926
1901	Materia Medica and Therapeutics	R. B. Wild, M.D., M.Sc., F.R.C.P.	appointment expired 1927
1902	Ancient and Medieval History	James Tait, M.A.	resigned 1919
1903	Classical Literature	A. S. Wilkins, M.A., Litt.D., LL.D.	deceased 1905
1903	Education	Michael E. Sadler, C.B., M.A., LL.D., Litt.D.	resigned 1911
1903	Education	Joseph John Findlay, M.A., M.Ed., Ph.D.	appointment expired 1925
1903	Semitic Langs. and Lit.	Hope W. Hogg, M.A., B.Litt.	deceased 1912
1903	Architecture	S. H. Capper, M.A., F.S.A.	resigned 1912
1903	Latin and Indo-European Philology	R. S. Conway, M.A., Litt.D., Dott.Univ., D.Litt., F.B.A.	appointment expired 1929
1904	Biblical Exegesis	A. S. Peake, M.A., D.D.	deceased 1929
1904	Pathology and Pathological Anatomy	J. Lorrain Smith, M.D., M.Sc., F.S.A.	resigned 1912
1904	Comparative Religion	T. W. Rhys Davids, LL.D., D.Sc., Ph.D.	resigned 1915
1905	Engineering	Stanley Dunkerley, D.Sc.	resigned 1908
1905	Applied Chemistry	W. J. Pope, M.Sc.Tech., F.I.C., F.R.S.	resigned 1908
1905	Electrical Engineering	A. Schwartz, M.Sc.Tech., A.K.C., M.I.E.E., Assoc.M.Inst.C.E.	resigned 1912
1905	Mechanical Engineering	J. T. Nicolson, D.Sc., M.Inst.C.E., M.Sc.Tech.	deceased 1913
1906	Metallurgy	H. C. H. Carpenter, M.A., Ph.D.	resigned 1918
1907	Medicine (Clinical)	Graham Steel, M.D., F.R.C.P.	resigned 1911
1907	Physics	Sir Ernest Rutherford, M.A., D.Sc., Ph.D., LL.D., F.R.S.	resigned 1919
1908	Greek	Ronald M. Burrows, D.Litt.	resigned 1913
1908	Hellenistic Greek	Rev. J. H. Moulton, M.A., D.Lit., D.D., D.C.L., D.Theol.	deceased 1917
1908	Systematic Medicine	George H. Murray, M.A., M.D., D.C.T., F.R.C.P.	resigned 1925
1908	Engineering	Sir J. E. Petavel, D.Sc., M.I. Mech.E., A.M.Inst.C.E., A.M. Inst.E.E., F.R.S.	resigned 1919
1909	Geology	Sir T. H. Holland, K.C.I.E., D.Sc., F.R.S.	resigned 1919
1909	Technological Chemistry	E. Knecht, M.Sc.Tech., Ph.D., F.I.C.	resigned 1918
1909	Anatomy	G. Elliot Smith, M.A., M.D., Ch.M., F.R.C.P., F.R.S.	resigned 1919
1909	French Language and Literature	L. E. Kastner, M.A., Litt.D.	appointment expired 1933
1910	Clinical Surgery	Sir William Thornburn, C.B., K.B.E., B.Sc., M.D., B.S., F.R.C.S.	resigned 1921
1910	Economic History	George Unwin, M.A., M.Com.	deceased 1925
1911	Systematic Surgery	J. W. Smith, M.B., C.M., F.R.C.S.	resigned 1922
1911	Medicine (Clinical)	J. S. Bury, B.Sc., M.D., F.R.C.P.	resigned 1912

\* Subsequently Honorary Professor

† Now Honorary Professor.

*Appointed.*

1912	Pathology and Pathological Anatomy ... ..	{ A. E. Boycott, B.Sc., M.A., D.M., B.Ch., F.R.S. ... ..	resigned 1914
1912	Forensic Medicine ... ..	William Sellers, M.D., M.R.C.S., D.P.H. ....	deceased 1918
1912	Clinical Obstetrics and Gynaecology ... ..	{ Archibald Donald, M.D., F.R.C.P. resigned 1925	
1912	Electrical Engineering ... ..	Miles Walker, M.A., D.Sc., M.I.E.E., F.R.S. ....	appointment expired 1932
1912	Education ... ..	H. Bompas Smith, M.A., M.Ed. appointment expired 1932	
1912	Architecture ... ..	A. C. Dickie, M.A., A.R.I.B.A. appointment expired 1933	
1913	Clinical Medicine ... ..	E. S. Reynolds, B.Sc., M.D., F.R.C.P.	
1913	Greek ... ..	W. M. Calder, M.A., LL.D. ..	resigned 1921
1913	English Language ... ..	W. J. Sedgefield, M.A., Litt.D. appointment expired 1931	resigned 1930
1914	Mechanical Engineering ... ..	{ Allan B. Field, M.Am.Soc.M.E., M.I.E.E., Fellow Am.I.E.E., M.A. (Camb.), B.Sc. (London): resigned 1917	
1914	Metallurgy and Metallography ... ..	C. A. Edwards, D.Sc. (Manchester). resigned 1920	
1914	Modern History ... ..	John Ramsay Bryce Muir, M.A. resigned 1921	
1915	Pathology and Pathological Anatomy ... ..	{ H. R. Dean, M.A., M.D., B.Ch., F.R.C.P., M.R.C.S. ....	resigned 1922
1915	Crystallography ... ..	*Sir Henry A. Miers, M.A., D.Sc., LL.D., Ph.D., F.R.S. ....	appointment expired 1926
1917	Mechanical Engineering ... ..	G. G. Stoney, M.A.I., D.Sc., F.R.S. ....	resigned 1926
1918	Technological Chemistry ... ..	F. L. Pyman, D.Sc., Ph.D., F.R.S. resigned 1927	
1919	Political Economy ... ..	D. H. Macgregor, M.A. ....	resigned 1921
1919	Textile Technology ... ..	A. J. Turner, M.A., B.Sc. ....	resigned 1923
1919	Mathematics and Natural Philosophy ... ..	{ Sydney Chapman, M.A., D.Sc., F.R.S. ....	resigned 1924
1919	Medieval History ... ..	F. M. Powicke, M.A., Litt.D., F.B.A. resigned 1928	
1919	Geology ... ..	O. T. Jones, M.A., D.Sc., F.R.S. resigned 1930	
1919	French Language ... ..	John Orr, M.A., B.Litt., L. ès L. resigned 1933	
1920	Law ... ..	J. L. Brierly, O.B.E. (Mil.), B.C.L., M.A., LL.M. ....	resigned 1923
1920	Physiology ... ..	A. V. Hill, O.B.E., M.A., Sc.D., F.R.S. ....	resigned 1923
1920	Clinical Obstetrics and Gynaecology ... ..	{ W. E. Fothergill, M.A., B.Sc., M.D. deceased 1926	
1920	Italian Studies ... ..	E. G. Gardner, Litt.D., F.B.A. resigned 1923	
1921	Modern History ... ..	H. W. C. Davis, C.B.E., M.A., F.B.A. resigned 1925	
1921	Social Economics ... ..	Henry Clay, M.A., M.Com., D.Sc. resigned 1930	
1922	Bacteriology ... ..	W. W. C. Topley, M.A., M.D., M.Sc., F.R.C.P., M.R.C.S. ....	resigned 1927
1923	Pathology and Pathological Anatomy ... ..	{ J. Shaw Dunn, M.A., M.Sc., M.D. ....	resigned 1931
1923	Jurisprudence ... ..	Sir Francis Du Pré Oldfield, LL.M., deceased 1928	
1923	Organic Chemistry ... ..	Robert Robinson, D.Sc., F.R.S. resigned 1928	
1923	Comparative Religion ... ..	J. N. Farquhar, M.A., D.D. deceased 1929	
1923	Italian Studies ... ..	Piero Illebor, M.A., D.Litt. resigned 1932	
1924	Textile Technology ... ..	F. P. Slater, M.C., M.Sc., B.A. resigned 1925	
1924	Applied Mathematics ... ..	E. A. Milne, M.A., M.Sc., F.R.S. resigned 1928	
1925	Textile Technology ... ..	William Myers, M.Sc.Tech. deceased 1925	

\*Now Honorary Professor

*Appointed.*

1925	Modern History ... ..	J. E. Neale, M.A. ... ..	resigned 1927
1925	Systematic Medicine ... ..	F. Craven Moore, M.D., M.Sc., F.R.C.P. ... ..	resigned 1929
1926	History ... ..	Edward Fiddes, M.A. appointment expired 1931	
1926	Zoology ... ..	J. S. Dunkerly, D.Sc., Ph.D.	deceased 1931
1930	German Language and Literature ... ..	L. A. Willoughby, M.A., D.Litt., Ph.D. ... ..	resigned 1931
1930	Social Economics ... ..	T. E. Gregory, D.Sc. (Econ.) appointment expired 1932	

**Former Honorary Professors.***Elected.*

1907	Sir William Boyd Dawkins, M.A., D.Sc., F.R.S.	deceased 1929
1921	Charles Harold Herford, Litt.D., Ph.D., F.B.A.	deceased 1931
1922	Harold Bailly Dixon, C.B.E., M.A., Ph.D., D.Sc., F.R.S.	deceased 1930
1925	Thomas Frederick Tout, M.A., D.Litt., Litt.D., LL.D., F.B.A.	deceased 1929

**Former Professores Emeriti.***Elected.*

1865	Thomas Barker, M.A. ... ..	deceased 1907
1868	Osborne Reynolds, M.A., LL.D., F.R.S.	deceased 1912
1870	Thomas Hamilton Core, M.A. ... ..	deceased 1910
1884	T. Theodores ... ..	deceased 1886
1885	Alfred Harry Young, M.B., F.R.C.S., LL.D.	deceased 1912
1887	The Rt. Hon. Sir Henry Enfield Roscoe, B.A., LL.D., Ph.D., F.R.S. ... ..	deceased 1915
1887	Sir William Roberts, M.D., F.R.S.	deceased 1899
1888	Edward Lund, F.R.C.S.	deceased 1898
1888	Arthur Gamgee, M.D., F.R.S., D.Sc.	deceased 1909
1890	Joseph Gouge Greenwood, B.A., LL.D.	deceased 1894
1892	John Edward Morgan, M.D., F.R.C.P.	deceased 1894
1892	William Crawford Williamson, LL.D., F.R.S.	deceased 1895
1895	Victor Kastner, B.ès L., M.A. ... ..	deceased 1921
1898	Sir Adolphus William Ward, Litt.D., LL.D., Ph.D.	deceased 1924
1903	Thomas Northcote Toller, M.A., LL.D., Litt.D.	deceased 1930
1910	Frederick Armitage Southam, M.A., M.B., F.R.C.S.	deceased 1927
1911	George Arthur Wright, B.A., M.B., F.R.C.S.	deceased 1923
1921	T. W. Rhys Davids, LL.D., D.Sc., Ph.D.	deceased 1922
1921	Sir William Thorburn, C.B., K.B.E., M.D., F.R.C.S.	deceased 1923
1921	Ernest Septimus Reynolds, B.Sc., M.D., F.R.C.P.	deceased 1926
1922	John William Smith, M.B., C.M., F.R.C.S.	deceased 1926

## Bishop Berkeley Fellows.

The conditions under which these Fellowships were offered will be found on page 282 in the *Calendar* for 1895-6, after which year the Fellowships were discontinued.

### FELLOWS.

- 1881 Alfred Sidgwick, B.A., in Philosophy.  
 Bohuslav Brauner, Ph.D., in Chemistry.\*<sup>1</sup>  
 Harry Baker, in Chemistry.\*<sup>2</sup>  
 H. M. Ward, M.A., F.R.S., in Biology.\*<sup>3</sup>
- 1882 C. H. Herford, Litt.D., M.A., in English Language and Literature  
 Alfred Stapley, in Philosophy. (deceased).<sup>4</sup>  
 Hans Gadow, Ph.D., F.R.S., in Zoology.\*<sup>5</sup>
- 1883 A. W. Brightmore, M.Sc., in Engineering (deceased).<sup>6</sup>
- 1884 John Beard, D.Sc., Ph.D., in Zoology.<sup>7</sup>  
 Ludwig Claisen, Ph.D., in Chemistry.\*<sup>8</sup>  
 G. H. Fowler, B.A., Ph.D., in Zoology.<sup>9</sup>
- 1885 Fred Harsley, M.A., Ph.D., in English Language and Literature (deceased).<sup>4</sup>  
 P. F. Kendall in Geology.<sup>11</sup>  
 A. Larmor, M.A., in Applied Mathematics.<sup>12</sup>  
 T. A. Peace, M.Sc., in Engineering.
- 1886 Henry Holden, M.Sc., in Physics.<sup>13</sup>  
 W. A. Shaw, Litt.D., in History.<sup>14</sup>
- 1887 William Bott, Ph.D., in Chemistry.<sup>15</sup>  
 E. G. W. Hewlett, M.A., in Classics and Philology.<sup>16</sup>  
 O. H. Latter, M.A., in Zoology.\*<sup>17</sup>
- 1888 Robert Dunlop, M.A., in History (deceased).<sup>18</sup>  
 J. L. Hoskyns-Abraham, B.A., Ph.D., in Chemistry (deceased).  
 C. H. Lees, D.Sc., F.R.S., in Physics.<sup>19</sup>  
 G. S. Turpin, D.Sc., M.A., in Chemistry.<sup>20</sup>
- 1889 P. J. Hartog, M.A., B.Sc., in Chemical Physics.<sup>21</sup>  
 T. H. Holland, D.Sc., F.R.S., in Geology.<sup>22</sup>  
 H. W. Pomfret, M.D., F.R.C.S., in Pharmacology.<sup>23</sup>
- 1890 J. W. Cunliffe, D.Litt., in English Literature.<sup>24</sup>  
 W. Garstang, M.A., D.Sc., in Zoology.\*<sup>25</sup>  
 W. R. Ormandy, in Chemistry.

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\* Resigned their Fellowships on receiving academical or other appointments.

<sup>1</sup> Professor of Chemistry in the University of Prague.

<sup>2</sup> Chemist to the Castner-Kellner Alkali Co., Runcorn.

<sup>3</sup> Late Professor of Botany in the University of Cambridge, Hon. Fellow Christ's College.

<sup>4</sup> Late Professor of English Literature in the University of Manchester.

<sup>5</sup> Strickland Curator and University Lecturer in Morphology in the University of Cambridge.

<sup>6</sup> Engineering Inspector, Local Government Board.

<sup>7</sup> Demonstrator of Zoology, University of Edinburgh.

<sup>8</sup> Professor of Chemistry in the University of Kiel.

<sup>9</sup> Late Assistant Professor of Zoology, University College, London.

<sup>10</sup> Late Lecturer in English Language, University of Berlin.

<sup>11</sup> Professor of Geology in the University of Leeds.

<sup>12</sup> Late Fellow of Clare College, Cambridge; Resident Head Master, The Academy, Londonderry.

<sup>13</sup> Physics Master, Shrewsbury School.

<sup>14</sup> Calendarer of State Papers, Record Office.

<sup>15</sup> Director, Government Technical School, Singapore.

<sup>16</sup> Master, Hulme Grammar School.

<sup>17</sup> Senior Science Master, Charterhouse.

<sup>18</sup> Late Special Lecturer in Irish History in the University of Manchester.

<sup>19</sup> Professor of Physics, East London College.

<sup>20</sup> Head Master of Nottingham High School.

<sup>21</sup> Formerly Vice-Chancellor of the University of Dacca, Bengal, India; K.B.E.

<sup>22</sup> Principal and Vice-Chancellor of the University of Edinburgh, K.C.S.I., K.C.I.E.

<sup>23</sup> Late Surgical Registrar, Manchester Royal Infirmary, and late Governor of Victoria University.

<sup>24</sup> Professor of English and Associate Director of the School of Journalism in the University of Columbia.

<sup>25</sup> Late Fellow of Lincoln College, Oxford; Professor of Zoology in the University of Leeds.

- 1891 W. A. Bone, D.Sc., Ph.D., F.R.S., in Chemistry.\*<sup>1</sup>  
 Stanley Dunkerley, M.Sc., in Engineering (deceased).<sup>2</sup>
- 1892 F. W. Gamble, D.Sc., F.R.S., in Zoology (deceased).<sup>3</sup>
- 1893 Albert Griffiths, D.Sc., in Physics.<sup>4</sup>  
 J. A. Harker, D.Sc., F.R.S., in Physics (deceased).  
 B. Lean, B.A., D.Sc., in Chemistry.<sup>5</sup>  
 H. B. Pollard, M.A., B.Sc., in Zoology (deceased).<sup>6</sup>  
 R. G. Bury, B.A., in Philosophy.<sup>7</sup>
- 1894 A. W. Crossley, D.Sc., Ph.D., F.R.S., in Chemistry (deceased).<sup>8</sup>  
 A. H. Jameson, M.Sc., in Engineering.<sup>9</sup>
- 1895 Edward Haworth, D.Sc., in Chemistry.<sup>10</sup>  
 John Burke, M.A., in Physics.  
 Ernest Walder, B.A., in English Literature.<sup>11</sup>

---

\* Resigned his Fellowship on receiving academical or other appointment.

<sup>1</sup> Professor of Chemical Technology in the Imperial College of Science and Technology.

<sup>2</sup> Late Professor of Engineering in the University of Manchester.

<sup>3</sup> Late Professor of Zoology in the University of Birmingham.

<sup>4</sup> Professor of Physics, Birkbeck College, University of London

<sup>5</sup> Head Master of Sidcot School, Somerset.

<sup>6</sup> Late Lecturer in Zoology, Charing Cross Hospital.

<sup>7</sup> Late Professor of Classics in Bryn Mawr College, Pennsylvania

<sup>8</sup> Late Director of the British Cotton Industry Research Association.

<sup>9</sup> Professor of Engineering in the University of London.

<sup>10</sup> Assistant Chemist, Castner-Kellner Alkali Co., Runcorn.

<sup>11</sup> Formerly Head Master of Oakbrook School, Derby.

## The External Examiners of the University.

	<i>Appointment terminates on Dec. 31st.</i>
<i>Accounting</i> : ROGER N. CARTER, M.Com. ... ..	1934
<i>Anatomy</i> : W. H. WOOD, B.Sc., M.D., Professor of Anatomy in the University of Liverpool ... ..	1934
<i>Architecture</i> : A. E. RICHARDSON, F.R.I.B.A., Professor of Architecture in University College, London ... ..	1934
JAMES MACGREGOR, M.A., Architectural Association School of Architecture ...	1934
<i>Bacteriology</i> : J. W. McLEOD, O.B.E., M.B., Ch.B., Professor of Bacteriology in the University of Leeds ... ..	1933
<i>Botany</i> : F. E. WEISS, D.Sc., LL.D., F.R.S., Professor Emeritus ... ..	1935
<i>Building (Technology)</i> : C. E. VARDELL, F.R.I.B.A., F.S.I. ... ..	1935
<i>Chemistry</i> : R. WHYTLAW-GRAY, O.B.E., Ph.D., F.R.S., Professor of Chemistry in the University of Leeds. ... ..	1935
<i>Chemistry, Applied Chemistry, and Textile Chemistry (Technology)</i> : T. P. HILDITCH, D.Sc., Campbell-Brown Professor of Industrial Chemistry in the University of Liverpool ... ..	1934
<i>Comparative Religion, New Testament and Hellenistic Greek</i> : THEODORE H. ROBINSON, M.A., D.D., Professor of Semitic Languages in the University College of South Wales and Monmouthshire, Cardiff ... ..	1934
<i>Dentistry, (Third and Final B.D.S. and L.D.S.)</i> : A. W. WELLINGS, M.D.S., Lecturer in Dental Histology in the University of Birmingham ... ..	1933
<i>(Second B.D.S. and L.D.S.)</i> : D. L. ROGERS, L.D.S., of Dublin ... ..	1933
<i>Education</i> : CYRIL L. BURT, M.A., D.Sc., Professor of Education in the University of London, and Psychologist to the London County Council (Education Department) ... ..	1933
GERTRUDE MCCROBEN, late Head Mistress of Wakefield High School ... ..	1933
<i>(Certificate for Teachers of the Deaf)</i> : F. COCKERSOLE, Head Master of the Edgbaston School for the Deaf, Birmingham ... ..	1934
<i>Electrical Engineering (Technology)</i> : C. G. LAMB, Sc.D., Reader in Electrical Engineering in the University of Cambridge ... ..	1933
<i>Engineering</i> : A. R. FULTON, D.Sc., Professor of Engineering in the University of St. Andrews ... ..	1935
<i>English Language</i> : J. R. R. TOLKIEN, M.A., Rawlinson and Bosworth Professor of Anglo-Saxon in the University of Oxford ... ..	1935
<i>English Literature</i> : B. I. EVANS, M.A., Professor of English Literature in the University of Sheffield ... ..	1933
<i>Forensic Medicine</i> : F. W. EURICH, M.D., C.M., Professor of Forensic Medicine in the University of Leeds ... ..	1934
<i>French</i> : L. M. BRANDIN, M.A., Ph.D., Fielden Professor of French in University College, London ... ..	1935
<i>Geography</i> : J. L. MYRES, M.A., Wykeham Professor of Ancient History in the University of Oxford ... ..	1934
<i>Geology</i> : P. G. H. BOSWELL, O.B.E., D.Sc., D.I.C., M.Inst.M.M., F.G.S., Professor of Geology in the Imperial College of Science and Technology, South Kensington ... ..	1935
<i>German</i> : A. C. DUNSTAN, B.A., Ph.D., Lecturer in German in the University of Sheffield ... ..	1935
<i>Greek</i> : C. M. BOWRA, M.A., Lecturer in Greek Literature in the University of Oxford ... ..	1935
<i>History</i> : H. A. ORMEROD, M.C., M.A., Professor of Ancient History in the University of Liverpool ... ..	1933
E. LL. WOODWARD, M.A., Lecturer in Modern History in the University of Oxford ... ..	1933
<i>History of Doctrine</i> : The Rev. H. M. RELTON, D.D., Lecturer in the Theological Department of King's College, University of London ... ..	1935
<i>Italian</i> : C. C. FOLIGNO, M.A., Serena Professor of Italian in the University of Oxford ... ..	1935
<i>Latin</i> : H. J. THOMSON, M.A., D.Litt., Professor of Latin in the University College of Bangor ... ..	1933
<i>Law</i> : J. L. BRIERLY, O.B.E., M.A., D.C.L., LL.M., Chichele Professor of International Law and Diplomacy in the University of Oxford ... ..	1935
D. HUGHES PARRY, M.A., LL.M., Professor of English Law in the University of London ... ..	1935

*Appointment terminates  
on Dec. 31st.*

<i>Mathematics</i> : E. A. MILNE, M.A., F.R.S., Rouse Ball Professor of Mathematics in the University of Oxford ... ..	1933
<i>Mathematics (Technology)</i> : E. H. NEVILLE, M.A., B.Sc., Professor of Mathematics in the University of Reading ... ..	1934
<i>Mechanical Engineering (Technology)</i> : ANDREW ROBERTSON, D.Sc., Professor of Mechanical and Mining Engineering in the University of Bristol ... ..	1934
<i>Medicine</i> : ROBERT HUTCHISON, M.D., F.R.C.P., Senior Physician at the London Hospital ... ..	1933
<i>Metallurgy</i> : J. H. ANDREW D.Sc., Professor of Metallurgy in the University of Sheffield ... ..	1935
<i>Mining (Technology)</i> :	
<i>Municipal Engineering (Technology)</i> : SIR THOMAS H. BEARE, B.A., B.Sc., Professor of Engineering in the University of Edinburgh ... ..	1934
<i>Music</i> : E. STANLEY ROPER, M.V.O., M.A., Mus.B., F.R.C.O., F.T.C.L., Principal of Trinity College of Music, London, Organist at H.M. Chapels Royal ... ..	1933
<i>Neurology, Psycho-Neuroses and Mental Diseases</i> :	
<i>Obstetrics</i> : J. M. MUNRO KERR, M.D., Professor of Obstetrics in the University of Glasgow ... ..	1934
<i>Pathology</i> : JAMES MCINTOSH, M.D., Professor of Pathology in the University of London, Middlesex Hospital, London, W.1 ... ..	1935
<i>Pharmacology</i> : J. A. GUNN, M.A., M.D., D.Sc., Professor of Pharmacology in the University of Oxford ... ..	1934
<i>Philosophy</i> : J. MACMURRAY, M.A., Professor of Philosophy in University College, London ... ..	1934
<i>Philosophy of Religion, Psychology of Religion, and Christian Ethics</i> : Rev. E. S. WATERHOUSE, M.A., D.D., Professor of Theology in the Wesleyan College, Richmond ... ..	1935
<i>Physics</i> : E. A. OWEN, M.A., D.Sc., Professor of Physics in the University College of North Wales, Bangor ... ..	1934
<i>(Technology)</i> : S. W. J. SMITH, M.A., D.Sc., F.R.S., Professor of Physics in the University of Birmingham ... ..	1934
<i>Physiology</i> : B. A. MCSWINEY, B.A., Sc.D., M.B., B.Sc., B.A.O., Professor of Physiology in the University of Leeds ... ..	1935
<i>Political Economy</i> : L. ROBBINS, M.A., B.Sc., Professor of Economics in the London School of Economics and Political Science ... ..	1935
<i>Psychology</i> : JAMES DREVER, M.A., B.Sc., D.Phil., Professor of Psychology in the University of Edinburgh ... ..	1935
<i>Public Administration</i> : HAROLD J. LASKI, M.A., Professor of Political Science in the London School of Economics ... ..	1935
<i>Public Health Diploma (Part I.)</i> : W. W. C. TOPLEY, M.A., M.D., F.R.C.P., M.Sc., F.R.S., Professor of Bacteriology and Immunology in the London School of Hygiene, Keppel Street, London, W.C.1 ... ..	1935
<i>Public Health Diploma (Part II.) including Hygiene and Preventive Medicine</i> : MILES B. ARNOLD, M.D., D.P.H., Ministry of Health, Westminster London, S.W.1 ... ..	1935
<i>Russian</i> : A. P. GOUDY, M.A., Lecturer in Slavonic Languages in the University of Cambridge ... ..	1933
<i>Semitic Languages, Old Testament and Oriental History</i> : G. R. DRIVER, M.A., Reader in Semitic Philology in the University of Oxford ... ..	1933
<i>Spanish</i> : J. N. BIRCH, B.A., Lecturer in Spanish in the University of Sheffield ... ..	1933
<i>Surgery</i> : NORMAN LAKE, M.D., M.S., D.Sc., F.R.C.S., Lecturer in Surgery in Charing Cross Hospital, 51, Welbeck Street, London, W.1 ... ..	1935
<i>Surgery for B.D.S. and L.D.S.</i> : J. P. BUCKLEY, M.A., M.D., M.S., F.R.C.S. ... ..	1933
<i>Textile Industries (Technology)</i> : W. ENGLISH, M.Sc.Tech., of the Universal Winding Company, Manchester ... ..	1934
<i>Veterinary State Medicine</i> : GEORGE HENRY WOOLDRIDGE, M.R.C.V.S., M.R.I.A., Professor of Medicine, Hygiene and Dietetics in the Royal Veterinary College, London ... ..	1934
<i>Zoology</i> : E. W. MACBRIDE, M.A., D.Sc., LL.D., F.R.S., F.Z.S., F.L.S., Professor of Zoology in the Imperial College of Science and Technology, South Kensington ... ..	1935

## Advisory and Consultative Committees.

(Except where otherwise specified, the period of tenure of membership is three years.)

### I. FACULTY OF COMMERCE AND ADMINISTRATION.\*

<i>Ex-officio Members</i> ... ..	<div> <div>The VICE-CHANCELLOR</div> <div>The DEAN OF THE FACULTY</div> <div>The SECRETARY OF THE FACULTY</div> </div>
<i>Appointed by the Council of the University</i>	<div> <div>KENNETH LEE, LL.D.</div> <div>F. J. MARQUIS, M.A., B.Sc.</div> <div>L. F. MASSEY</div> <div>SIR CHRISTOPHER T. NEEDHAM, B.A.</div> <div>COUNCILLOR WRIGHT ROBINSON</div> <div>COUNCILLOR LADY SIMON, M.A.</div> <div>TOM STOTT</div> </div>
<i>Bolton and District Incorporated Chamber of Commerce</i>	ARTHUR S. HOLMES
<i>Blackburn and District Incorporated Chamber of Commerce</i>	WILLIAM CARMICHAEL
<i>Burnley and District Incorporated Chamber of Commerce</i>	ALDERMAN LUKE THORNER
<i>Manchester Chamber of Commerce</i> ...	SIR W. CLARE LEES, O.B.E., J.P.
<i>Oldham Incorporated Chamber of Commerce</i>	G. H. WHITTAKER
<i>Warrington Chamber of Commerce</i> ...	F. AYLMER FROST, J.P.
<i>Lancashire Education Committee</i> .	COUNTY COUNCILLOR O. GILLET
<i>Manchester Education Committee</i> ...	ALDERMAN J. H. BIRLEY
<i>Manchester and District Bankers' Institute</i>	G. C. DEMEL, B.Com.
<i>Manchester Society of Chartered Accountants</i>	R. H. E. WILKINSON, F.C.A.
<i>Manchester and District Society of Incorporated Accountants</i>	A. E. PIGGOTT
<i>Manchester and District Branch of the Chartered Institute of Secretaries</i>	H. JOHNSON, F.C.I.S.
<i>Manchester Geographical Society</i> ...	COUNCILLOR E. BARDSLEY, J.P.

(\* The date of Expiry of Office is January, 1935.)

### II. FACULTY OF THEOLOGY.\*

<i>Ex-officio Member</i> ... ..	The VICE-CHANCELLOR
<i>Representing the Senate</i> ... ..	<div> <div>Hon. Professor ALEXANDER</div> <div>Professor CANNY</div> <div>Professor DODD</div> <div>Professor MURPHY</div> <div>Professor STOCKS</div> </div>
<i>Representing the Court</i> (Chosen by the Council)	<div> <div>The Right Hon. and Most Rev. WILLIAM TEMPLE, LORD ARCHBISHOP OF YORK</div> <div>SIR EDWARD DONNER, Bart., B.A., LL.D.</div> <div>ALFRED HAWORTH, B.A.</div> </div>



<i>Appointed by the Court</i> ... ..	{	The Right Rev. T. B. STRONG, G.B.E., D.D., D.Litt., D.Mus., LORD BISHOP OF OXFORD.
		The Rev. W. B. SELBIE, M.A., D.D., Principal of Mansfield College, Oxford.
<i>Appointed by the Court on the Nomina- tion of the Committee.</i>	{	The Rev. J. T. BREWIS, B.A., B.D., Principal of the Methodist College, Victoria Park.
		The Rev. A. J. GRIEVE, M.A., D.D., Principal of Lancashire Independent College.
		The Rev. L. W. GREENSTED, M.A., D.D., Oriel Professor of the Philosophy of the Christian Religion in the University of Oxford.
		The Rev. H. MOLACHLAN, M.A., D.D., Principal of the Unitarian College.
		The Rev. A. H. MUMFORD, B.A., B.D., The Rev. H. TOWNSEND, M.A., D.D., Principal of the Baptist College.

(\* The date of Expiry of Office is January, 1935.)

### III. PUBLIC HEALTH.

(a) <i>Ex-officio Members Representing the University.</i>	{	The Vice-Chancellor: W. H. MOBERLY, D.S.O., M.A., Litt.D.
		The Chairman of the Council: A. H. WORTHINGTON, B.A., LL.D. The Director of the Public Health Lab- oratory. H. B. MAITLAND, M.D., M.Sc., M.R.C.S., L.R.C.P.
<i>Representing the County Borough of Manchester.</i>	{	The Chairman of the Sanitary Com- mittee: Alderman W. T. JACKSON.
		The Medical Officer of Health: R. VETCH CLARK, M.A., B.Sc., M.B., Ch.B., D.P.H.
<i>Representing the County Borough of Salford.</i>	{	The Chairman of the Health Com- mittee: Alderman ERNEST DESQUESNES, LL.B.
		The Medical Officer of Health: HARRY OSBORNE, M.D., D.P.H.
<i>Representing the County Council of Lancashire.</i>	{	The Chairman of the Public Health and Housing Committee: Alderman W. HOPGSON.
		The Medical Officer of Health: J. J. BUTTERWORTH, M.D., D.P.H.
<i>Representing the County Council of Cheshire.</i>	{	The Chairman of the Public Health and Housing Committee: Alderman FRANK BARLOW.
		The Medical Officer of Health: MEREDITH YOUNG, M.D., D.P.H.
(b) <i>Appointed :</i>		
<i>by the University Council</i> . . . . .	{	SIR EDWARD DONNER, Bart., B.A., LL.D. (Chairman of the Advisory Com- mittee). Emeritus Professor GEORGE R. MURRAY. (Two Vacancies.)
<i>by the University Senate</i> . . . . .	{	(Two Vacancies.)
(c) <i>Co-opted Members</i> . . . . .	{	SIR ARTHUR NEWSHOLME, K.C.B., M.D., F.R.C.P. SIR CHRISTOPHER T. NEEDHAM, B.A.

## IV. LEGAL EDUCATION.\*

<i>Ex-officio Member</i> ... ..	The VICE-CHANCELLOR.
<i>The President of the Manchester Law Society.</i>	
<i>Convener of the Legal Education Sub-Committee of the Manchester Law Society.</i>	F. A. PADMORE.
<i>The Extraordinary Member representing the Manchester Law Society on the Council of the Law Society.</i>	F. A. PADMORE.
<i>The Representative of the Manchester Law Society on the Legal Education Committee of the Law Society.</i>	F. A. PADMORE.
<i>Other Representatives of the Manchester Law Society</i> ... ..	DUDLEY F. HART. K. H. ATKINSON. F. B. OSBORNE. F. S. STANCLIFFE.
<i>Members of the Legal Profession appointed by</i>	His Honour Judge T. B. LEIGH. Vice-Chancellor Sir COURTHOPE J. WELLESLEY ORR. WILSON, K.C. PERCY MACBETH.
(i.) <i>The Court</i> ... ..	
(ii.) <i>Convocation</i> ... ..	Dr. A. H. WORTHINGTON.
<i>The Professor of Law</i> ... ..	Professor R. A. EASTWOOD.

(\*The date of Expiry of Office is January, 1935.)

## V. MINING.\*

<i>Ex-officio Member</i> ... ..	The VICE-CHANCELLOR.
<i>Appointed by the Court of the University</i>	Professor GIBSON. Professor THOMPSON. (Three Vacancies.)
<i>Appointed by the Council of the University</i>	A. J. A. ORCHARD.
<i>Appointed by the Senate of the University</i>	Professor LANG. Professor PUGH.
<i>Appointed by the Manchester Geological and Mining Society</i>	P. W. D. PICKUP. SYDNEY A. SMITH.
<i>Appointed by the South Lancashire and Cheshire Coal Association</i>	A. M. LAMB.
<i>Appointed by the National Association of Colliery Managers</i>	H. STEPHENSON.

(\* The date of Expiry of Office is January, 1935.)

## VI. CONSULTATIVE COMMITTEE ON ARCHITECTURE.\*

<i>Ex-officio Members</i> .. ..	The VICE-CHANCELLOR. The PRO-VICE-CHANCELLORS.
<i>The Professor of Architecture</i> ... ..	Professor CORDINGLEY.
<i>Appointed by the Council of the University</i>	E. A. KNIGHT. A. H. WORTHINGTON, B.A., LL.D.
<i>Appointed by the Senate of the University</i>	The DEAN OF THE FACULTY OF ARTS. Professor GIBSON. Professor RAPER.
<i>Appointed by the Manchester Society of Architects</i>	A. J. HOPE. P. S. WORTHINGTON, M.A., Litt.D. PAUL OGDEN. J. S. BEAUMONT.
<i>Appointed by the Manchester Branch of the Builders' Institute</i>	HERBERT THOMPSON. THOMAS HOWARTH, J.P.

(\* The date of Expiry of Office is January, 1935.)

## VII. CONSULTATIVE COMMITTEE ON COLLOIDS.

<i>The Professors of Chemistry</i> ... ..	{ Professor LAPWORTH. Professor KENNER. Professor HEILBRON. Professor POLANYI. Professor DRUMMOND. Professor LANG.
<i>The Professors of Botany</i> ... ..	Professor PUGH.
<i>The Professor of Geology</i> ... ..	Professor BRAGG.
<i>The Professor of Physics</i> ... ..	Professor RAPER.
<i>The Professor of Physiology</i> ... ..	Professor THOMPSON
<i>The Professor of Metallurgy</i> ... ..	Dr. KENNETH LEE.
<i>Representing the Council</i> ... ..	

## VIII. CONSULTATIVE COMMITTEE ON SOCIAL STUDY.\*

<i>Ex-officio Members</i> ... ..	{ The VICE-CHANCELLOR. Professor DANIELS. Mr. A. L. DAKYNS.
----------------------------------	---

*Appointed by the Senate of the University:* Professor EASTWOOD, Professor PEAR, Professor STOCKS, Professor STOPFORD.

*Other Members:* Mr. T. S. ASHTON, Miss E. J. BEARDSLEY, M.B.E., Miss G. CLAYTON, Miss FRANCES COLLIER, Mr. R. CROTHWAITE, Councillor CHARLES GODBERT, Mr. F. W. GREENHALGH, Councillor MARY L. KINGSMILL JONES, Alderman MILES MITCHELL, Councillor A. P. SIMON, Miss NORAH TEALE, Mr. A. R. WATSON, Mrs. ANNIE B. WOODHOUSE, Mrs. JEAN C. WYATT, Mrs. JANET B. ZIMMERN.

(\*Date of Expiry of Office is January, 1933.)

## IX. TECHNOLOGY.\*

*Chairman:* Councillor WRIGHT ROBINSON. *Deputy Chairman:* Alderman BIRLEY.

The LORD MAYOR; Aldermen TITT, WEST, C.B.E., and WOOLLAM; Councillors T. R. ACKROYD, M.A., GRINDLEY, JACKSON, ANNIE LEE, OLDFIELD, A. P. SIMON, LADY SIMON, M.A., and TODD; H. L. BEHRENS, C. DAY, M.Sc.Tech., Mrs. LUFF, CHARLES KEAN, M.B.E., H. LEE, L. E. MATHER, Vice-Chancellor W. H. MOBERLY, D.S.O., M.A., Litt.D., Miss DOROTHY PORTER, C. G. RENOLD, Sir ERNEST D. SIMON, M.A.

(\* Appointed Annually.)

## THE MANCHESTER MUSEUM.

## COMMITTEE OF MANAGEMENT.\*

*Chairman:* H. W. FRESTON, J.P.

*Ex-officio Members:*

THE VICE-CHANCELLOR OF THE UNIVERSITY.

THE TREASURER OF THE UNIVERSITY.

Professor H. G. CANNON.

Professor J. M. F. DRUMMOND.

Professor H. J. FLEURE.

Professor W. H. LANG.

Professor W. J. PUGH.

T. ERIC PEET, M.A.

{ Professor DONALD ATKINSON.  
 Professor MAURICE A. CANNEY.  
 Sir EDWARD DONNER, Bart., LL.D.  
 H. W. FRESTON.  
 ALFRED HAWORTH, B.A.  
 A. H. WORTHINGTON, B.A., LL.D.  
 EGBERT STEINTHAL.

*Appointed by the Council of the University*

{ Alderman R. A. D. CARTER.  
 Councillor GEORGE HALL.  
 Councillor SHEPHERD.

{ HERBERT BURY, B.A.  
 W. R. EASTERBY.

{ Captain A. W. BOYD.  
 G. H. TAYLOR.

(\* Appointed Annually.)

## The Victoria University of Manchester.

Nominated by the Manchester Geological and Mining Society.	{ JOHN ASHWORTH. SYDNEY A. SMITH.
Nominated by the Conchological Society	B. R. LUCAS, F.G.S.
Nominated by the Manchester Egyptian and Oriental Society.	{ Professor A. C. DICKIE, M.A., F.R.S.A., F.R.I.B.A.
Nominated by the Manchester Entomological Society.	{ B. A. CRABTREE, F.E.S.

### SCIENTIFIC SUPERVISORS.

Geology	... ..	Professor W. J. PUGH.
Zoology	... ..	Professor H. G. CANNON.
Botany	... ..	{ Professor J. M. F. DRUMMOND. Professor W. H. LANG.
Egyptology	... ..	T. ERIC PEET.
Ethnology	... ..	Professor H. J. FLEURE.

### STAFF OF THE MUSEUM:

Keeper of the Museum	... ..	The Rev. GEORGE H. CARPENTER, D.Sc., M.R.I.A.
Assistant Keepers	... ..	{ J. WILFRID JACKSON, D.Sc., F.G.S. GRACE WIGGLESWORTH, M.Sc. H. BRITTEN, F.E.S. CECILIA M. LEGGE, M.A. MARY S. SHAW, M.A.
Secretary	... ..	MARY HODGSON.

### ASHBURNIE HALL DELEAGY.\*

*Ex-officio:* The VICE-CHANCELLOR, the Warden.

*Appointed by the Council:* ALFRED HAWORTH, B.A., Councillor Lady SIMON, M.A., A. H. WORTHINGTON, B.A., LL. D.

*On the Nomination of the Senate:* Professor BRAGG, Professor STOCKS, Professor STOPFORD.

*On the Nomination of the Old Ashburnians' Association:* Mrs. JOHN ROTHWELL, M.Sc., Mrs. J. F. WARD, M.B., Ch.B., Mrs. BERTIE WILKINSON, R.A.

*On the Nomination of the Council of Ashburnie Hall:* Mrs. BERNHARD ALEXANDER, Hon. Professor ALEXANDER, HAROLD L. BEHRENS, Mrs. HAROLD L. BEHRENS, Miss PHYLLIS E. CRUMP, M.A., Emer. Professor FIDDES, Mrs. ALFRED HAWORTH, M.A., Mrs. W. H. JOHNSON, Miss MARY MCNICOL, M.Sc., Mrs. W. H. MOBBLY, M.A., Miss ELIZABETH NEEDHAM, Miss DOROTHY L. PILKINGTON, Miss OLIVE B. SCHILL, Sir ERNEST D. SIMON, M.A., Mrs. F. E. TYLECOTE, Ph.D., Miss P. VICKERY, B.A., Mrs. GUY WARMAN, Mrs. A. H. WORTHINGTON.

(\*The date of Expiry of Office is January, 1934.)

### ELLIS LLWYD JONES HALL DELEAGY.

*Ex-officio:* THE VICE-CHANCELLOR (Chairman), Mrs. IRENE R. EWING, M.Sc., (Ellis Llwyd Jones Reader in the Education of the Deaf), Miss A. MARGARET TILLYARD, M.A., (Warden).

*Appointed by the Council:* Sir EDWARD DONNER, Bart., B.A., LL.D., Emer. Professor EDWARD FIDDES, E. A. KNIGHT.

*On the Nomination of the Senate:* Professor PEAR, Professor DUFF, Miss PHYLLIS E. CRUMP, M.A.

*Co-opted:* Miss EGGAR, Mrs. HOPE W. HOGG, M.A., Miss AMY JONES, Mr. JOHN SPALDING, Mrs. JOHN SPALDING, B.A.

## SECONDARY SCHOOLS CONSULTATIVE COMMITTEE.

- (1) REPRESENTATIVES OF APPROVED SECONDARY SCHOOLS.  
 (2) REPRESENTATIVES OF THE UNIVERSITY TO BE APPOINTED BY THE COUNCIL (12).

## THE TRAINING OF TEACHERS OF THE DEAF.\*

*Representatives of the following:—*

- The Governors of the Training College for Teachers of the Deaf, Fitzroy Square ( ).  
 President of the National College of Teachers of the Deaf (The Rt. Hon. LORD CHARNWOOD).  
 President of the Royal Schools for the Deaf, Old Trafford (Sir EDWARD DONNER, Bart., B.A., LL.D.).  
 The Manchester University Council (Miss AMY JONES, Mr. A. H. WORTHINGTON, B.A., LL.D., Mr. E. A. KNIGHT).  
 The Manchester University Senate (The VICE-CHANCELLOR, Professor DUFF, Professor PEAR).  
 The Manchester University Faculty of Education (Miss GLADYS CONWAY, B.A.).  
 Scottish Deaf Schools (GEORGE WILSON).  
 Education Committee, London County Council (C. SHAW).  
 Education Committee, Lancashire County Council (County Alderman A. WALKDEN).  
 Manchester Education Committee (Alderman S. WOOLLAM).  
 Royal Schools for the Deaf, Manchester (JOHN SPALDING).  
 Royal Schools for the Deaf, Margate (J. O. WHITE).  
 Royal Institution for the Deaf, Derby (W. CAREY ROE, B.A.).  
 Yorkshire Institution for the Deaf, Doncaster (D. CRAIG).  
 National College of Teachers of the Deaf (N. S. FOLLWELL, F. I. JONES).  
 Roman Catholic Schools for the Deaf (Rev. EDWARD WILSON).

(\* The date of Expiry of Office is January, 1935.)

## CONSULTATIVE COMMITTEE ON AGRICULTURAL RESEARCH.\*

- |   |   |   |
|---|---|---|
|   | ( | DR. A. H. WORTHINGTON.<br>THE VICE-CHANCELLOR.<br>Professor LAPWORTH.<br>Professor HEILBRON.<br>Professor POLANYI.<br>Professor DRUMMOND.<br>Professor CANNON.<br>Professor DANIELS.<br>Professor GAIGER (Liverpool). |
| <i>Ex-Officio Members</i> ... ..                          | ) |   |
| <i>Appointed by the Council of the University</i>         | ( | ALFRED HAWORTH.<br>Dr. J. E. MYERS.   |
| <i>Appointed by the Senate of the University</i>          | ( | Professor MAITLAND.<br>Professor PUGH.  |
| <i>Appointed by the Lancashire County Council</i> .. .. . | ( | WINDHAM E. HALE.<br>R. B. NEILSON.<br>T. B. SILCOCK.<br>J. HAMILTON.<br>P. E. MEADON.<br>J. J. GREEN.   |
| <i>Appointed by the Cheshire County Council</i>           | ( | WM. MCCrackEN.<br>J. O. GARNER.<br>T. C. GOODWIN.<br>Major TOMKINSON.<br>F. F. POTTER.<br>W. B. MERCER.   |

<i>Consultative Members</i> ... ..	{	JOHN ORR.
		A. E. HOLMES SMITH.
		Dr. H. W. MILES.
		Dr. ROBERT STEWART.
		K. D. DOWNHAM (Liverpool).

<i>Representing the Ministry of Agriculture</i>	{	Sir DANIEL HALL.
		Mr. W. H. HOGG.

(\* The date of Expiry of Office is July, 1934.)

## CONSULTATIVE COMMITTEE ON CANCER RESEARCH.

<i>Appointed by the Council of the University</i> ... ..	{	THE CHAIRMAN OF THE COUNCIL.
		THE VICE-CHANCELLOR.
		Professor BAKER.
		Professor MAITLAND.
		Professor RAPER.
		Professor STOPFORD.

<i>Appointed by the Manchester Committee on Cancer</i> ... ..	{	Dr. E. M. BROCKBANK.
		Dr. R. VEITCH CLARK.
		Mr. WILSON HEY.
		Sir EDWARD HOLT, Bart.
		Mr. F. P. NATHAN.
		Dr. RALSTON PATERSON.

## RUSSIAN STUDIES.

<i>Ex-officio Member</i> ... ..	THE VICE-CHANCELLOR.
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<i>Appointed by the Council of the University</i>	{	R. NOTON BARCLAY.
		H. J. GOLDSCHMIDT.
		CHARLES ROSKILL.

<i>Appointed by the Senate of the University</i>	{	Professor CONWAY.
		Professor FIDDES.
		Professor SEDGEFIELD.
		Professor TROFIMOV.

<i>Manchester Chamber of Commerce</i> ...	{	Sir EDWIN F. STOCKTON.
		S. FREARS LORD.

<i>Co-opted Members</i> ... ..	{	H. BAERLEIN.
		E. W. GHOMMÉ.
		W. MAXWELL REEKIE.

## COMMITTEE OF MANAGEMENT OF MEDICAL LIBRARY.

<i>Appointed by the Council of the University</i> ... ..	{	Professor DOUGAL.
		Professor MAITLAND.
		Professor RAPER.
		Professor STOPFORD.
		Professor TELFORD.

<i>Appointed by the Manchester Medical Society</i> .. ..	{	Dr. E. M. BROCKBANK.
		Dr. F. W. J. A. LAMB.
		Dr. E. BOSDIN LEECH.

## Representatives of the University.

*(Except where otherwise indicated §, the appointment of representatives is made by the University Council.)*

### I. ON JOINT MATRICULATION BOARD.

INSTITUTION	REPRESENTATIVE	Period of Tenure	DATE OF EXPIRY
		YEARS	
Joint Matriculation Board ...	Professor CHARLTON ...	1	November 1st, 1933
	Professor DUFF ...	1	
	Professor FLEURE ...	1	
	Dr. J. E. MYERS ...	1	

### II. ON EDUCATION COMMITTEES.

Blackburn ...	R. E. HART ...	1	November, 1933
Bolton ...	Rev. Dr. S. F. JACKSON ...	1	November, 1934
Cheshire ...	Dr. J. E. MYERS ...	3	March, 1934
Chorley (Higher Education Sub-Committee) ...	Rev. Canon J. H. WRIGLEY ...	1	November, 1933
Farnworth ...			...
Heywood ...	W. H. HARDMAN ...	1	November, 1933
Lancashire ...	Dr. NORMAN SMITH ...	1	March, 1934
Lancashire (Agricultural Sub-Committee) ...	Professor DRUMMOND ...	1	March, 1934
Middleton ...	Dr. A. F. CAMPBELL ...	1	November, 1933
Mossley ...	S. W. CLUES, B.A. ...	1	November, 1933
Nelson ...	G. B. ROBERTS ...	1	November, 1933
Salford ...	Professor DUFF ...	1	November, 1933
Stockport ...	HERBERT BELL, M.A. ...	1	November, 1933
Stoke-on-Trent ...	HAROLD HARTLEY, M.D., F.R.C.S. ...	3	November, 1934
Stretford ...	C. M. MASON, M.Sc. ...	1	March, 1934
Westmorland ...	Ven. Archdeacon J. H. HOPKINSON, M.A. ...	3	March, 1934
Wigan ...	ARTHUR SMITH, B.A. ...	1	November, 1933

### III. ON UNIVERSITIES, COLLEGES, AND SCHOOLS.

§ University of Birmingham ...	Professor LAPWORTH ...	3	December, 1935
§ University of Bristol ...	Mrs. CAROLINE BLAKE, M.A. ...	7	February, 1937
University of Leeds ...	Professor RAPER ...	2	April, 1931
§ University of Liverpool ...	Professor NEALE ...	3	December, 1935
University of Sheffield ...	Professor THOMPSON ...	3	July, 1936
§ University College of South Wales and Monmouthshire ...	C. A. EDWARDS, D.Sc. ...	5	May, 1934
University College, Leicester ...	F. L. PYMAN, Ph D., D.Sc., F.R.S. ...		...
Altrincham County High School for Boys ...	ALFRED HAWORTH, B.A. ...	3	March, 1934
Altrincham County High School for Girls ...	Professor RAPER ...	3	March, 1934
Ambleside, Kelsick's School ...	M. E. COHEN ...	3	March, 1935
Ashton-under-Lyne Secondary School ...	Dr. THOMAS KEIGHLEY ...	1	November, 1933

## III. ON UNIVERSITIES, COLLEGES, AND SCHOOLS (continued).

INSTITUTION	REPRESENTATIVE	Period of Tenure	DATE OF EXPIRY
Andershaw Secondary School	Dr. FRED FAIRBROTHER	YEARS 1	November, 1933
Bacup and Rawtenstall Joint Secondary School (Waterfoot)	GEORGE R. HOLT	1	October, 1933
Bakewell (Lady Manners' School)	Mrs. SARAH COWARD, M.A.	3	April, 1936
Bolton Church Institute School	The Rev. R. C. WORSLEY	3	November, 1934
Bolton School	Colonel E. W. GREG, C.B.	3	June, 1933
Broughton-in-Preston Grammar School			...
Burnley Grammar School	Rt. Rev. EDGAR P. SWAIN, M.A., Bishop of Burnley	3	June, 1936
Bury Grammar School	C. J. T. CRONSHAW	3	February, 1935
	Miss A. M. TILLYARD, M.A.	3	November, 1934
Camborne School of Metalliferous Mining	Professor JONES		...
Chadderton Secondary School	Professor THOMPSON	1	...
Clitheroe Grammar School	Dr. J. SEPTON COOPER	5	February, 1938
Colne Grammar School	The Rev. J. H. SHORT	1	October, 1933
Darnhall Endowed School		5	...
Darwen Grammar School	Dr. T. J. COSTELLO	3	April, 1934
Droylsden, Fairfield High School	Miss M. E. EGGAR	1	March, 1934
Eccles Secondary School	TOM WILSON, J.P.	1	October, 1933
Farnworth Grammar School	JOHN KENTON	1	March, 1934
Fleetwood Grammar School	W. H. PENNINGTON	1	May, 1934
Giggleswick Grammar School	Professor FREDERICK CHALLENGER	3	March, 1936
Haslingden Secondary Day School	GEORGE R. HOLT	1	February, 1934
Heversham Grammar School	J. W. THOMPSON, B.A.	3	April, 1934
Hindley and Abram Grammar School	Professor CANNEY	3	October, 1935
Hyde County School	Mrs. W. M. ASHTON	3	March, 1934
Kendal Grammar School	Rev. Canon J. H. HOPKINSON, M.A.	3	October, 1933
Keswick School	A. R. THOMSON	3	May, 1934
Kirkby Stephen Grammar School	Mrs. ETHEL M. HIGGET	3	February, 1934
Kirkham Grammar School	J. H. S. MATTHEWS	3	October, 1934
Lancaster Girls' Grammar School	Mrs. CROFT HELME	1	November, 1933
Lancaster Royal Grammar School	W. H. SATTERTHWAITHE, M.A.	3	April, 1935
Leek High School	HERBERT N. MORRIS	3	March, 1934
Leek, Westwood Hall Girls' School		3	...
Leigh Grammar School	Professor ANDERSON	3	October, 1934
Leigh Girls' Grammar School	Miss A. M. FLETCHER	1	November, 1933
Leyland School (Balslaw's Charity)	J. P. T. JACKSON	3	February, 1934
Lynn Grammar School	Dr. J. G. WOOLHAM	3	March, 1934
Lytham School Charities	Professor JACOB	3	July, 1936
Macclesfield High School for Girls	Mrs. LILLIAN BROWLEY		
	DAVENPORT	3	March 1934
Macclesfield, King's Schools	Dr. J. E. MYERS	3	October, 1934
Manchester Grammar School	The VICE-CHANCELLOR	3	January, 1934
Manchester High School for Girls	Professor STOPPORD	3	March, 1935
	Professor STOCKS	3	October, 1934
Manchester Royal College of Music (General Committee)	Professor LAPWORTH		...
	The VICE-CHANCELLOR		...
Matlock, Ernest Bailey Secondary School	Mrs. DOROTHY MEACHAM, B.A.	3	May, 1936
Mottram-in-Longdendale Grammar School	THOMAS BROWNSON, B.A., LL.B.	3	February, 1934
Nantwich and Acton Grammar School	Dr. FRANK E. MATHEWS	3	March, 1934



III. ON UNIVERSITIES, COLLEGES, AND SCHOOLS (*continued*).

INSTITUTION	REPRESENTATIVE	Period of Tenure	DATE OF EXPIRY
		YEARS	
New Mills Secondary School ...	Dr. J. M. CROFTS ...	3	June, 1934
Newcastle-under-Lyme Endowed Schools ...	D. F. W. BISHOP ...	5	March, 1938
Newton-in-Makerfield Grammar School ...	Dr. J. M. NUTTALL ...	1	May, 1934
Northwich Grammar School ...	E. L. SELLARS, M.Sc. ...	3	March, 1934
Oldham Grammar Schools (Hulme Trust) ...	ERIC BRIERLEY, B.Com. ...	3	October, 1935
	Miss LAURA E. START, M.Ed. ...	3	November, 1933
Preston, Harris Institute ...	Professor GIBSON ...	...	...
Rivington and Blackrod Grammar School ...	Alderman J. P. TAYLOR ...	3	February, 1934
Sale County High School for Girls ...	Mrs. ROBERT TAIT ...	3	March, 1934
Sandbach School ...	Dr. A. C. DUNNINGHAM ...	3	July, 1935
Sedburgh Grammar School ...	Major JOSEPH GIBSON, D.S.O. ...	5	November, 1934
Stand Grammar School ...	Miss ANNA PHILIPS ...	3	March, 1934
Stockport Grammar School ...	Professor DODD ...	5	February, 1936
Stockport High School for Girls ...	Miss FRANCES COLLIER, M.A. ...	1	October, 1933
Stockport Municipal Secondary School ...	Professor DEMPSTER SMITH ...	1	October, 1933
Stretford Secondary School for Boys ...	Dr. F. FAIRBROTHER ...	1	March, 1934
Stretford High School for Girls ...	Miss M. E. EGGER ...	1	March, 1934
Urmston Secondary School ...	Miss LAURA E. START, M.Ed. ...	...	...
Tarvin Grammar School ...	ALFRED HAWORTH, B.A. ...	5	November, 1936
Warrington Grammar School ...	H. PERCY MORTIMER, M.A. ...	3	June, 1933
Warrington Training College ...	Miss WINIFRED S. CLARKE, M.Sc. ...	3	October, 1933
Wigton (Cumberland), Nelson Grammar School ...	Rev. A. B. STEVENS ...	5	June, 1938
Windermere Endowed Schools ...	Rev. T. H. MARTIN, M.A. ...	3	July, 1934
Withington Girls' School ...	Dr. NORMAN SMITH ...	3	October, 1933
Wolstanton County Grammar School ...	...	3	...

## IV. ON OTHER INSTITUTIONS

Architects' Registration Council ...	Professor DICKIE ...	1	February, 1934
Board of Architectural Education and Schools Committee of the Board ...	Professor CORDINGLEY ...	1	July, 1934
Audenshaw, Hobson's Charity ...	J. A. PETCH, M.A. ...	3	July, 1934
Audley Grammar School Charity ...	Mrs J. W. MELLOR ...	3	February, 1935
Cheshire Rural Community Council ...	H. P. TURNER, M.A., LL.M. ...	...	...
Empire Cotton Growing Corporation ...	Sir C. T. NEEDHAM ...	3	February, 1934
	Professor DRUMMOND ...	3	October, 1933
Croston, Durning's Endowed School ...	...	5	...
Derbyshire Rural Community Council ...	H. P. TURNER, M.A., LL.M. ...	...	...
National Council for Domestic Studies ...	Miss LAURA E. START, M.Ed. ...	...	...
East Lancashire County Association of the Territorial Army ...	Lt.-Col. C. M. MASON, M.Sc. ...	3	July, 1934
Farnworth, Dixon Green Schools Foundation ...	Dr T. G. LASLETT ...	5	November, 1937
Farnworth, Rideout Foundation ...	...	5	...
General Medical Council ...	Professor STOPFORD ...	3	October, 1935
Halls of Residence:			
St. Anselm Hall ...	The VICE-CHANCELLOR ...	...	...
Dalton Hall ...	B. MOUNT JONES, D.S.O., M.A. ...	...	...
Lancashire Independent College ...	Dr. A. D. MACDONALD ...	...	...
Unitarian College ...	H. P. TURNER, M.A., LL.M. ...	...	...
	C. M. MASON, M.Sc. ...	...	...
Langdate Hall ...	Professor BOMPAS SMITH ...	...	...
	Miss PHYLIS M. BORTHWICK, M.Sc. ...	...	...
St. Gabriel's Hall ...	Miss PHYLIS E. CRUMP, M.A. ...	...	...
Heginbottom and Tetlow Foundation ...	...	3	...
Henry Mather's Foundation ...	Dr T. G. LASLETT ...	3	October, 1933

## IV. ON OTHER INSTITUTIONS (continued).

INSTITUTION	REPRESENTATIVE	Period of Tenure	DATE OF EXPIRY
Chamber of Horticulture (Technical Committee) ... ..	Emer. Professor WEISS ... ..	YEARS ...	...
Hulme's Charity ... ..	The VICE-CHANCELLOR ... ..	6	May, 1936
Jerusalem, School of Archaeological Studies ... ..	Dr. A. H. WORTHINGTON ... ..	6	May, 1938
John Rylands Library ... ..	Professor DICKIE ... ..	...	...
	THE VICE-CHANCELLOR ... ..	3	January, 1936
	Professor CHARLTON ... ..	3	December, 1933
	Professor FAIRLEY ... ..	3	July, 1936
	Professor JACOB ... ..	3	February, 1935
Leigh, Mort's School Foundation ...	T. R. GREENOUGH ... ..	5	April, 1935
Lister Institute of Preventive Medicine ... ..	Professor MITLAND ... ..	...	...
Manchester City Art Gallery Committee ... ..	Professor ORR ... ..	1	October, 1933
Manchester Diocese Council for Training for the Ministry ...	Professor DICKIE ... ..	1	October, 1933
Manchester Medical Society Council	Professor DODD ... ..	...	...
	The VICE-CHANCELLOR ... ..	...	...
	ROBERT McDUGALL, B.Sc. ... ..	...	...
Manchester Royal Infirmary Committee for election of Honorary Medical Officers ... ..	The VICE-CHANCELLOR ... ..	1	January, 1934
	Sir CHRISTOPHER T. NORDHAM, B.A. ... ..	1	January, 1934
	Sir E. D. SIMON, M.A. ... ..	1	January, 1934
	Dr. A. H. WORTHINGTON ... ..	1	January, 1934
Manchester University Settlement	Professor PEAR ... ..	...	...
	WILLIAM WALKER ... ..	...	...
North-Western Local Board of the Chartered Society of Massage and Medical Gymnastics ...	DAVID STEWART, M.Sc. ... ..	...	...
	M.R.C.S., L.R.C.P. ... ..	...	...
Newchurch-in-Rossendale Exhibition Foundation ... ..	Professor ATKINSON ... ..	3	March, 1935
Ormskirk, Peter Lathom's Charity ...	H. J. W. HETHERINGTON ... ..	4	November, 1935
Rochdale, Hardman's Endowment ...	...	3	...
St. Mary's Hospitals, Elective Committee ... ..	THE CHAIRMAN OF THE UNIVERSITY COUNCIL ... ..	...	...
	THE VICE-CHANCELLOR ... ..	...	...
Joint University Council for Social Studies ... ..	Professor STOKES ... ..	...	...
	Mrs. JEAN C. WYATT, M.A. ... ..	...	...
Consultative Council of University and School Science Teachers ...	Dr J. E. MYERS ... ..	...	...
Federated Superannuation Scheme for Universities, Central Council	Dr. NORMAN SMITH ... ..	1	January, 1934
Federated Council of Lancashire and Cheshire Teachers' Associations ... ..	Professor DUFF ... ..	1	January, 1934
	Miss GLADYS CONWAY, B.A. ... ..	1	January, 1934
Council of National Institute of Teachers of the Deaf ... ..	Emer. Professor FIDDES ... ..	...	...
	Mrs. IRVINE H. EWING ... ..	...	...
	Professor BOMPAS SMITH ... ..	...	...
Teachers' Registration Council ...	Professor BOMPAS SMITH ... ..	5	March, 1937
	THE VICE-CHANCELLOR ... ..	3	September, 1935
Board of Administration for Training College Examinations ...	Professor CHARLTON ... ..	3	September, 1935
	Professor DUFF ... ..	3	September, 1935
	Dr. J. E. MYERS ... ..	3	September, 1935
Ulverston Exhibition Foundation ...	WILLIAM MEREDITH ... ..	3	July, 1936
Whitehaven, Piper's School Foundation ... ..	Dr. G. B. MURIEL ... ..	3	May, 1934
	Professor ORR ... ..	...	...
Whitworth Institute ... ..	F. W. HALLIDAY, M.A. ... ..	...	...
	Professor DICKIE ... ..	...	...
Winwick Educational Foundation ...	GEOFFREY OWEN ... ..	3	July, 1936
Workers' Educational Association (Manchester Branch) ... ..	Emer. Professor WEISS ... ..	...	...
	H. P. TURNER, M.A. LL.M. ... ..	...	...
Workers' Educational Association (Chorley Branch) ... ..	Emer. Professor WEISS ... ..	...	...

## List of Students in Residence.

SESSION 1932-1933.

## I. GRADUATES AND RESEARCH STUDENTS.

- Adamson, D. W., B.Sc.Tech.  
 Aibara, P. B., B.A. (Madras)  
 Ainsworth, Thomas, B.Sc.  
 Ali, Sultan, B.Sc. (Aligarh)  
 Alikhan, M. V., B.A. (Madras)  
 Allen-Jones, J. E., B.A. (Oxford)  
 Anderson, L. S., B.Sc. (Edinburgh)  
 Angus, A. A., B.A.  
 Arnitage, Charlotte W., B.A.  
 Arrowsmith, Reginald, B.Met. (Sheffield)  
 Attack, Granville, B.A. (Admin.)  
 Atkinson, Marjorie K., B.A.  
 Attenborough, Joan M., B.Sc.  
 Aziz, S. A., B.Sc. (Aligarh)  
 Badger, H. W., B.A. (Oxford)  
 Baguley, F. E., B.Sc.  
 Baker, Frank, B.A. (London)  
 Bapu, S. N., B.E. (Mysore)  
 Barnes, A. G., B.A.  
 Basu, K. B., B.Sc. (Calcutta)  
 Baxter, Alan, B.Sc.  
 Bean, G. R., B.Sc.Tech.  
 Beattie, D. J., LL.B.  
 Beckett, J. H., B.A.  
 Bell, Edward, B.Sc.  
 Bellis, Cecil, B.Sc.  
 Bennett, G. A., M.Sc.Tech.  
 Bennison, J. C., M.R.C.V.S.  
 Berry, Mary D. R., B.A.  
 Bhojwani, C. K., B.Sc. (Bombay)  
 Biddulph, Irene M., B.A.  
 Blanchard, J. H., M.R.C.V.S.  
 Blank, David, LL.B.  
 Blank, M. J., B.Sc.  
 Bloomer, Vincent, M.Sc.  
 Boardman, J. L., B.Sc.  
 Boden, Edith, B.Sc.  
 Body, A. H., B.A. (London)  
 Bor, Joseph, B.Sc.  
 Bradley, A. J., M.Sc., Ph.D.  
 Bradshaw, Mary A., B.A.  
 Braithwaite, F. M., M.A. (Cambridge)  
 Brankin, James, B.A.  
 Brasier, F. A., B.A. (Admin.)  
 Bridge, C. G., B.Sc. Tech.  
 Brindle, Harry, B.Sc. (London)  
 Broadhurst, Sarah E., B.A.  
 Brocken, P. T., B.A. (Punjab)  
 Brooks, Elsie, B.A.  
 Brotherton, F. F., B.A.  
 Brown, K. C., B.Sc. (London)  
 Brown, K. R., M.B., Ch.B. (Edinburgh)  
 Brown, Leonard, B.A. (Com.)  
 Bullock, Kenneth, M.Sc., Ph.D.  
 Bullough, A. S., B.Sc.  
 Burgess, P. G., B.A. (Oxford)  
 Burton, Frank, B.A.  
 Burton, Harold, B.A. (Oxford)  
 Butt, Richard, B.A., B.Sc. (Madras)  
 Butterfield, H. C., B.A. (Com.)  
 Butterworth, F. F., B.Sc. Tech.  
 Caldwell, J. F., B.A.  
 Calvey, H. C., M.B., Ch.B. (Liverpool)  
 Cameron, Duncan, B.Sc.  
 Cargill, W. P., B.Sc.  
 Carpenter, C. W., M.Sc.Tech., A.I.C.  
 Carr, Harry, B.Sc.  
 Carter, G. E., M.B., Ch.B.  
 Castle, Doris C., B.Sc.  
 Cathie, I. A., M.R.C.S., L.R.C.P.  
 Caulfield, J. I., LL.B.  
 Causer, Marjorie, B.Sc.  
 Chagtai, Jasimbeig, B.Sc. (Aligarh)  
 Chapman, W. C., B.A.  
 Charnley, John, B.Sc.  
 Chatterton, Roland, B.Sc.  
 Chaudhury, S. P., B.Sc. (Calcutta)  
 Chen, T. K., B.Sc. (Nanyang)  
 Chen, Tsung-jen, B.Sc. (Yenching)  
 Chirnside, H. S., B.Sc.Tech.  
 Chorley, Marion G., B.A.  
 Clark, Margery, B.Sc.  
 Clarke, E. R., M.A., LL.B. (Cambridge), B.Sc. (London)  
 Clarke, William, B.A.  
 Cockroft, Margery G., B.A. (London)  
 Coe, N. W., M.Sc.Tech.  
 Cohen, M. M., B.Sc.Tech.  
 Collinson, Katherine M., B.A.  
 Congdon, Phyllis M., M.D.  
 Cone, F. S. B., M.A. (Cambridge)  
 Cooke, C. A., B.Com.  
 Cooke, L. E., B.A.  
 Cooke, Robert, LL.B.  
 Cope, F. W., B.Sc.  
 Cope, N. A., B.A.  
 Cotton, H. E., B.Sc.  
 Cowan, S. T., M.B., Ch.B.  
 Cran, J. D. H., B.Sc.  
 Cummings, R. G., B.A.  
 Curtis, Winifred M., B.Sc. (London)  
 Cuthbert, Derrick, B.A.  
 Dakin, H. P., B.Sc.  
 Darbyshire, Wilfred, B.Sc.  
 Das, A. N., B.Sc. (Calcutta)  
 Davenport, Mary I., B.A.  
 Davey, T. F., M.Sc. (London)  
 Davis, Eli, M.Sc.  
 Dawson, Annie M., B.Sc.  
 Dawson, G. D., B.Sc.  
 Deer, W. A., B.Sc.  
 Denard, Evelyn, B.A.  
 Dennell, Ralph, B.Sc. (Leeds)  
 Derry, L. W., B.Sc. (Birmingham)  
 Diggle, W. M., B.A. (Cambridge)  
 Doran, F. S. A. B.A. (Cambridge)  
 Downham, W. C., B.Sc.  
 Driver, J. E., LL.B.  
 Eastwood, C. G., B.Sc., M.B., Ch.P.  
 Eastwood, Eric, B.Sc.  
 Edwards, C. P., B.Sc.Tech.  
 Elcock, W. D., B.A.  
 Eley, H. L., B.Sc.  
 Elliott, C. B., B.A.  
 Ellis, H. V., B.Sc.  
 Entwistle, Mariau T., B.A. (Com.)  
 Evans, M. G., M.Sc.  
 Evans, P. R., B.Sc.  
 Evans, W. N., B.A.  
 Fairbairn, Kenneth, B.Sc. (London)  
 Fairhurst, John, B.Sc.  
 Farber, Miriam, B.Sc.  
 Farnham, G. S., B.A., M.Sc. (Kingston, Canada)  
 Farrar, Elsie, B.A.  
 Faulkner, W. T., B.A.  
 Fawthrop, Margaret R., B.Sc.  
 Fidler, Harry, B.A. (Oxford)  
 Fielding, Dorothy D., B.A.  
 Fielding, William, B.Sc.  
 Firth, F. I., B.Sc.  
 Fisk, C. A., B.A.  
 Fitton, William, B.Sc.  
 Fitzgerald, Eileen K., B.A.  
 Fitzsimonds, Margaret M., B.Sc.Tech.

- Ford, W. G. K., B.Sc.  
 Forsyth, Dorothy M., M.B., Ch.B.  
 Fothergill, R. A., B.A.  
 Fowler, E. A., B.Sc.  
 Foy, J. H., B.A.  
 Freeman, Kenneth, B.Sc.  
 Friday, F. G., B.Sc. (London)  
 Frith, F. S., B.Sc.  
 Garden, D. J., M.A., B.Com. (Aberdeen)  
 Garvie, W. M., B.Sc.Tech.  
 Gattie, C. H., B.Sc.  
 Gaultier, L. V., B.Sc.  
 Gee, Geoffrey, B.Sc.  
 Gibbons, H. J., LL.B.  
 Gibson, Sylvia J., B.A.  
 Giles, J. P., M.A. (Oxford)  
 Gill, Austin, B.A.  
 Gillespie, James, B.Sc. (Glasgow)  
 Godsall, J. R., M.B., Ch.M. (Sidney)  
 Goodfellow, P. R., B.A. (Cambridge)  
 Goodwin, P. H., B.A.  
 Goodwin, W. L., B.Sc.  
 Gopalan, Kuttan, M.A. (Madras)  
 Gordon, William, M.Sc.  
 Gorst, B. J., B.Sc.  
 Grant, Arthur, M.A., B.Sc. (Liverpool)  
 Gray, E. M., B.Sc.Tech.  
 Gray, J. W., B.Sc.Tech.  
 Green, S. J., M.A. (Cambridge)  
 Greenhalgh, Nancy F., B.A.  
 Greenwood, Hubert, M.Sc.  
 Grey, Natalie M., B.A.  
 Grieve, W. S. M., M.Sc.  
 Griffiths, L. H., B.Sc.Tech.  
 Griffiths, Mary, B.A.  
 Gross, Hans, Dr. Phil.  
 Grundy, John, B.A.  
 Guest, E. G., B.Com.  
 Guha, P. C., B.Sc. (Calcutta)  
 Gurikar, Sambasiviah, B.A. (Mysore)  
 Hakuem, A. A., M.B., B.S. (Bombay)  
 Hall, A. C., M.Sc.  
 Hall, Sylvia, B.A.  
 Hall, W. L., LL.B.  
 Halliwell, Annie, B.A.  
 Halliwell, Richard, B.A.  
 Halliwell, William, M.B., Ch.B.  
 Hallsworth, J. A., LL.B.  
 Hancock, Ethel M., B.Sc. (London)  
 Hanney, E. A., M.Eng. (Sheffield)  
 Hanson, John, B.A. (Oxford)  
 Hardman, Alice, B.Sc.  
 Hargraves, R. E., B.Sc.Tech.  
 Harkness, David, B.Sc.  
 Harley, Joan L., B.A.  
 Harries, J. C., B.A. (Oxford)  
 Harris, Arthur, B.A. (Com.)  
 Harrison, S. L., B.Sc.  
 Harrison, S. T., B.Sc.  
 Harrison, T. H., M.B., Ch.B. (Sheffield)  
 Hasselgren, John, B.A.  
 Hastings, J. J. H., M.Sc.Tech.  
 Hatton, J. P., B.Sc.Tech.  
 Haveliwalla, N. A., B.Sc. (Bombay)  
 Hayes, J. C., B.Sc.  
 Herbert, A. M., B.A. (Cambridge)  
 Hesford, Isaac, B.A. (Cambridge)  
 Hey, Donald, B.Sc.  
 Higson, Fred, B.A.  
 Higson, Helen E., B.Sc. (Birmingham)  
 Hilton, W. G., M.A.  
 Hirst, J. R., B.A. (Oxford)  
 Hobson, J. A., B.Sc.  
 Hodge, Caroline E., B.A. (Oxford)  
 Hodgkinson, Constance E., B.A.  
 Hodgkiss, F. D., M.A.  
 Hodgson, H. S., B.Sc.Tech.  
 Holden, Beatrice M., B.A.  
 Holden, N. E., M.Sc.  
 Hood, M. C., B.A. (Cambridge)  
 Hopgood, C. R., B.A.  
 Hornby, T. R., M.P.S.  
 Horsfield, Kathleen A., B.A.  
 Horton, B. S., B.A.  
 Howard, Ieuan, M.A.  
 Howard, J. S., B.Sc.  
 Hulme, Lillian, B.A.  
 Hughes, Eileen M., B.Sc.  
 Hughes, W. G. H., B.Sc.  
 Hurst, C. C., B.Sc.  
 Hurst, John, B.Sc.  
 Huss, Patricia M. C., B.A.  
 Hsueh, D. Y., B.Sc. (Nanyang)  
 Ingham, C. H., B.A.  
 Ingham, G. W., B.A.  
 Irving, George, B.A.  
 Jackson, Cyril, M.A. (Leeds)  
 Jackson, E. R. B., B.Sc.  
 Jackson, H. S., B.A.  
 Jackson, Roland, B.Sc.  
 Jackson, Willie, M.Sc.  
 Jagger, Kathleen M., B.A.  
 Janus, Fred, B.Sc.  
 Janus, Oscar, B.Sc.  
 Jay, A. H., M.Sc.  
 Jenkins, E. M., M.B., Ch.B. (Edinburgh)  
 Jessop, E. E., B.Sc.  
 John, O. C., L.M.P. (Madras)  
 Johnson, B. M., B.A.  
 Johnson, Eileen M., B.Sc.  
 Johnson, S. W., B.A., B.D. (Hartford, U.S.A.)  
 Johnston, Ruth E., B.A.  
 Jubb, W. P., B.A. (Bristol)  
 Judson, Raymond, B.Sc.  
 Kamel, Mostafa, B.Sc. (Cairo)  
 Kandaswamy, Ramaswamy, B.A. (Madras)  
 Kasi, G. S., B.E. (Bangalore)  
 Kastner, Léonie E., B.A. (Liverpool)  
 Kay, R. S., B.A.  
 Keggins, J. F., B.Sc. (Liverpool)  
 Kelly, J. I., M.B., Ch.B.  
 Kennedy, A. R., B.Sc.  
 Kenneford, A. S., B.Sc.  
 Kerr, Madeline, M.A.  
 Kershaw, Ronald, B.Sc. (London)  
 Kershaw, Thomas, B.Sc.  
 Khan, A. A., L. M. & S. (Osmania)  
 Khan, M. G. D., B.A. (Osmania)  
 Khan, S. A., B.Sc. (Aligarh)  
 Kirkland, G. K., M.B., Ch.B.  
 Knight, E. C., M.Sc.Tech.  
 Krishna Chetty, Sarangapani, B.A. (Madras)  
 Lahanmi, V. R. O., L. M.S.S.A.  
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 Lancaster, T. R., B.A. (Manitoba)  
 Lawson, D. I., B.Sc.  
 Law-Wright, Hubert, B.Sc.  
 Leach, Albert, M.A.  
 Lester, Joseph, B.A.  
 Lightfoot, J. R., B.Com.  
 Lingard, John, B.A.  
 Linnell, Louis, B.Sc.  
 Linton, Evelyn, B.A.  
 Lister, Mary, B.Sc.  
 Littler, T. S., M.Sc.  
 Lochte-Holtgreven, Walther, D. Phil. (Göttingen)  
 Love, Beatrice, L.D.S., (Eng.).  
 McBeath, I. A., B.A.  
 McGregor, Murdoch, M.B., Ch.B. (Glasgow)  
 McKie, William, M.A., (Glasgow)  
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 Mamouji, A. S., B.Sc. (Bombay)  
 Mann, A. M., B.A. (London), B.D. (New York)  
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 Martin, J. L., M.A.  
 Martin, W. M., M.D. (Glasgow)

- Mason, Leonard, B.A.  
 Matheson, J. L., B.Sc.  
 Matthews, T. H., B.Sc. Tech.  
 Maxwell, Margaret, M.A. (Glasgow)  
 Mawson, C. A., M.Sc.  
 Meadley, T. D., B.A. (London)  
 Mehta, N. J., B.Sc. (Bombay)  
 Miles, Mary, M.Sc. (Mrs.)  
 Miller, C. T., B.A. (Admin.)  
 Milne, F. W., B.A. (Oxford)  
 Minter, R. A., B.Sc. (Oxford)  
 Montgomery, F. H., B.Sc. Tech.  
 Morgan, A. S. L., B.Sc.  
 Morris, J. C., B.Sc.  
 Morrison, J. G., B.Sc. Tech.  
 Morton, Frank, B.Sc. Tech.  
 Moses, I. A., B.Sc. Tech.  
 Mottram, Lilian A., B.A.  
 Mounfield, J. D., M.Sc. Tech.  
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 Narayan, Shiva, B.Sc. (Allahabad)  
 Newrekar, M. L., B.Sc. (Bombay)  
 Newton, Susan M. H., B.A.  
 Nicholson, T. A., B.A.  
 Nicholson, W. F., B.A. (Cambridge)  
 Norris, F. J., B.A.  
 North, H. D. B., M.Sc. (London), A.R.C.S.  
 Ogden, Geoffrey, B.Sc.  
 Ogden, R. H., B.Sc. Tech.  
 Olney, F. E., B.Sc. Tech.  
 Orchard, R. K., B.A.  
 O'Reilly, J. J., M.B. (Dublin), F.R.C.S.  
 (Edinburgh), D.P.H.  
 Oxtoby, Doris, B.Sc.  
 Page, H. R., B.A. (Admin.)  
 Pal, Patitpalan, M.Sc. (Calcutta)  
 Pantoni, Nydia E., M.A. (Cambridge)  
 Parker, J. N., B.Sc.  
 Parker, Philip, B.Sc.  
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 Patel, A. M., M.Sc., B.A., LL.B., (Wilson College)  
 Patil, H. B., M.B., B.S. (Bombay)  
 Patterson, E. L., B.Sc.  
 Penrose, Percy, Mus.B. (Durham)  
 Plews, Dorothy, M., B.Sc.  
 Pollock, F. E. G., B.A.  
 Potts, Russell, B.Sc.  
 Prendergast, F. M., B.A.  
 Preston, Ronald, B.Sc.  
 Prynn, Kathleen M., B.A.  
 Raha, Brahmabrat, B.Sc. (Calcutta)  
 Rainey, Elisabeth, B.A.  
 Ramage, Gerald, B.Sc., M.B., Ch.B.  
 Ramchander, Pramial, L.M. & S. (Hyderabad)  
 Ramsey, K. V., B.A. (Oxford)  
 Ranson, John, B.Sc.  
 Ray, J. B., B.Sc. (Calcutta)  
 Read, Florence C., B.Sc. (London)  
 Reese, J. S., A.B., M.A., Ph.D. (U.S.A.)  
 Renshaw, B. A., B.A.  
 Rhodes, G. R., B.Sc.  
 Richards, Kenneth, B.Sc.  
 Rigg, Arthur, B.A.  
 Rigg, Jack, M.Sc.  
 Riley, Arthur, M.Sc. Tech.  
 Roberts, Margaret R., B.A.  
 Robinson, D. T., M.R.C.S., L.R.C.P.  
 Robinson, Edward, B.A.  
 Robinson, H. G. B., B.Sc. Tech.  
 Rogers, C. W., B.Sc. (London)  
 Rogers, Edward, M.A.  
 Roscoe, John, B.A.  
 Rose, J. A., B.A. (Birmingham)  
 Ross, Thomas, M.B., Ch.B. (Glasgow)  
 Rostron, K. W. B., B.A. (Cambridge)
- Rouse, Richard, B.A.  
 Rowbotham, G. F., B.Sc., M.R.C.S., L.R.C.P.  
 Rowley, Tom, M.A.  
 Roy, S. C., B.Sc. (Calcutta)  
 Rule, May S., B.A.  
 Runciman, J. P. G., M.R.C.V.S.  
 Russell, Ina S., M.A.  
 Ryder, J. P., B.A.  
 Sadasivan, Ramasamy, M.Sc. (Calcutta)  
 Sallam, H. A. F., M.D. (Cairo)  
 Samuel, Ieuan, B.A. (Cambridge)  
 Scully, John, M.B. Ch.B.  
 Selby, G. E., B.A. (Oxford)  
 Sellors, Joseph, B.A.  
 Sen, B. K., B.A. (Com.)  
 Sephton, Ada F., B.Sc.  
 Settle, H. L., M.Sc.  
 Shah, R. H., L.C.P.S. (Bombay)  
 Shaffer, Gershon, B.Sc.  
 Sharp, Arthur, M.A. (Com.)  
 Shaw, Herbert, M.Sc. Tech.  
 Shaw, R. C., F.R.C.S., L.R.C.P. (London)  
 Shaw, Thomas, B.Sc.  
 Sheehan, Brendan, B.Sc.  
 Shepherd, W. H., B.A.  
 Shildrick, B. C., B.A.  
 Shilling, Beatrice, B.Sc.  
 Shlosberg, Nathan, B.Sc.  
 Shortt, W. M., M.Sc.  
 Sibley-Haycock, Nancie V., M.A. (Glasgow)  
 Signer, Rudolf, Dr. Phil.  
 Singleton, Eric, B.Sc.  
 Singleton, Hilda, B.Sc.  
 Sircorn, Geoffrey, B.A.  
 Slater, Harold, B.Sc.  
 Slater, Sheila M., B.A.  
 Slotki, J. J., M.A.  
 Smith, J. H., B.A. (London)  
 Smith, Lawrence, B.A.  
 Smith, J. C., B.Sc., M.B., Ch.B.  
 Smith, T. K., B.A.  
 Smith, W. S., B.Sc.  
 Smyth, G. G. E., M.B., Ch.B.  
 Snelson, Samuel, M.R.C.S., L.R.C.P.  
 Snow, Gilbert, M.P.S.  
 Speight, Kathleen, B.A.  
 Speight, Sadie, B.A.  
 Spencer, Ralph, B.Sc.  
 Spiers, John, B.Sc.  
 Spry, W. J., M.Sc. (Liverpool)  
 Staufford, Jack, M.A.  
 Stafford, Norman, B.Sc. (Sheffield)  
 Starkie, Colin, B.Sc., M.R.C.S., L.R.C.P.  
 Steiner, Hilda C., B.A.  
 Stocks, G. R., B.A.  
 Strung, Hugo, Dr. Phil. (Munich)  
 Stuart, D. W., M.R.C.S., L.R.C.P.  
 Stubbs, D. R., B.Sc.  
 Sumner, L. V., M.A.  
 Sunman, Mary, B.A.  
 Sutcliffe, Albert, B.A.  
 Sutcliffe, K. E., B.A. (Cambridge)  
 Suthers, A. J., M.Sc. Tech.  
 Sykes, Rupert, B.Sc. (London)  
 Tams, B. J., B.Sc. (London)  
 Tandon, P. L., B.A. (Com.)  
 Tanner, C. S., B.Sc.  
 Tarver, Constance M., B.Sc.  
 Tattersall, T. V., B.A. (Cambridge)  
 Taylor, A. J. P., M.A. (Oxford)  
 Taylor, Elizabeth A., B.A.  
 Taylor, Frank, M.A.  
 Taylor, Harry, B.Sc.  
 Taylor, Nathan, M.Sc. Tech.  
 Taylor, Mary K., B.A.  
 Teegan, J. A. C., M.Sc., Ph.D. (Dublin)  
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 Thomas, C. J., M.R.C.S., L.R.C.P.  
 Thomas, E. G., B.A. (Wales)  
 Thompson, Rachel D., B.A.

- Thomson, Elsie W., B.A.  
 Thornley, Bernard, B.Sc.  
 Thornley, Roland, B.Sc.  
 Tibbs, S. R., B.Sc.  
 Tolfree, S. K., B.Sc.Tech.  
 Tomlinson, Marion H., B.A.  
 Tomlinson, T. G., B.Sc.Tech.  
 Tooth, Olive, B.Sc.  
 Towers, J. R., LL.Th. (Durham)  
 Towns, F. W., LL.B.  
 Tuck, J. L., M.Sc.  
 Tudge, Fred, B.Sc.  
 Turnbull, Geoffrey, B.A. (Com.)  
 Uddin, N. S., B.Sc. (Lucknow)  
 Vedavyasa, R. B. K., B.E. (Bangalore)  
 Venkataswamy, R. N., B.Sc. (Madras)  
 Verity, Carl, B.Sc., M.B., Ch.B.  
 Vernon, Eric, B.Sc.  
 Vernon, S. T., B.A. (Oxford)  
 Vickerstaff, Thomas, B.Sc.  
 Vine, Joseph, M.B., Ch.B.  
 Wade, C. H. T., B.Sc., M.B., Ch.B.  
 Wade, H. J., B.Sc.  
 Waingankar, G. L., L.C.P.S. (Bombay)  
 Walkden, C. G., LL.B.  
 Walker, C. S., B.Sc.  
 Walker, K. H., LL.B.  
 Walley, Nance M., B.A.  
 Walmsley, G. H. C., M.B., Ch.B.  
 Walmsley, Norman, B.A.  
 Walmsley, W. C. D., M.B., Ch.B.  
 Walsh, Robert, LL.B.  
 Walshaw, R. S., B.Sc.  
 Walter, Joseph, B.A. (Oxford)  
 Walton, N. W., B.A.  
 Warwick, Tom, B.Sc.  
 Watling, Mary I., B.A. (Oxford)  
 Watson, Thomas, B.A.  
 Watts, J. R., B.A.  
 Wéalé, S. H., Mus.B. (Durham)  
 Webb, S. W., B.Sc.Tech.  
 Webber, G. J., LL.B. (London)  
 Webster, Margaret B., B.Sc.  
 Welsh, Constance A., B.A.  
 West, Joseph, B.Sc.  
 Westmacott, B. S., B.Sc.  
 Whalley, Kathleen N., B.A.  
 Wharton, D. O., B.A. (Cambridge)  
 Whitby, G. S., B.A.  
 White, C. E., B.Sc.  
 Whitehouse, W. J., B.Sc.  
 Whittaker, J. R., M.Sc.Tech.  
 Whittington, R. B., B.Sc.  
 Whitton, Harold, B.A.  
 Whitworth, Clifford, M.Sc., Ph.D.  
 Wigley, Harold, B.Sc.  
 Wilde, R. W., B.Sc. (London)  
 Wile, Geoffrey, B.A.  
 Wilkinson, Herbert, B.Sc.  
 Williams, Edna B., B.A.  
 Williams, F. C., B.Sc.  
 Williams, Margaret I., B.Sc.  
 Williamson, Ronald, B.Sc.Tech.  
 Wilson, Owen, M.S. (Belfast) F.R.C.S. (Edinburgh)  
 Winder, Eileen D., B.A. (Com.)  
 Winstanley, Martha A., B.Sc.  
 Wise, C. G., B.Sc., M.Ed.  
 Wishart, J. W., B.A. (London)  
 Wolfenden, W. H., Mus.B.  
 Wood, Grace M., B.A.  
 Wood, J. L., B.A.  
 Wood, Sam, B.Sc.  
 Woodhead, J. A. A. L., M.Sc.  
 Woodruff, Winifred M., B.Sc.  
 Wraith, Ida, B.A. (Admin.)  
 Wrigley, Joan W., B.A.  
 Wrigley, Margaret J., B.A.  
 Wyatt, Agnes L., B.A.  
 Wyatt, Harold, B.Sc.  
 Yarborough, Winifrede, B.Sc.  
 Yates, M. L., M.Sc.Tech.  
 Yeadon, Robert, B.Sc.  
 Zweiberjk, C. A., B.Sc.Tech.

## II. STUDENTS PREPARING FOR A DEGREE IN THIS UNIVERSITY.

Abbott, C. N.	Bailey, Norman	Bentley, Thomas
Abbott, Kenneth	Bailey, O. C.	Berens, Cyril
Abelson, S. G.	Baker, C. W.	Berridge, Margarette H.
Acraman, A. N.	Baker, Harry	Berry, Christina
Adamson, O. H.	Baker, Marcus	Berry, Ellis
Airey, Mabel	Ball, I. W.	Berry, George
Akred, Phyllis	Ball, Leslie	Bertenshaw, Clifford
Albinson, Kathleen M.	Ball, L. W.	Berth-Jones, E. W.
Alcock, Herbert	Ball, Mona	Beverley, Kenneth
Alderson, Winifred M.	Ball, R. E.	Beving, C. A. D.
Alexander, Robert	Ballance, Edna	Bibby, H. F.
Allison, D. F.	Ballon, Leslie	Binns, Maureen M.
Alker, E. L.	Balmforth, Edith	Birley, Barbara F.
Allcock, William	Balshaw, Elizabeth	Birley, Stanley
Allen, John	Balston, Ursula A.	Black, W. S.
Allen, P. W.	Bann, Bernard	Blackwell, Marjorie M.
Allen, William	Bannister, Dora	Bladon, N. E.
Allison, Muriel	Bannister, J. L.	Blain, J. L.
Allsopp, Allan	Bardsley, Eric	Blank, William
Altham, Norman	Barker, A. W.	Blackley, Arnold
Amelan, Jacob	Barker, Dorothy B.	Bloch, C. M.
Amery, H. J. H.	Barker, Eunice M.	Boardman, John
Amorin, I. J.	Barker, Evelyn F.	Bolan, C. G.
Anderson, E. G. O.	Barker, R. L.	Bolchover, David
Anderson, J. G.	Barker, Rosamond H.	Boltiansky, Sheila R.
Anderson, L. A. E.	Barker, T. V. L.	Bolton, Frank
Anderson, Mary V.	Barlow, Beryl A.	Bolton, J. A.
Anderson, Peggy	Barlow, G. W. L.	Boot, Walter
Anderson, W. E.	Barlow, George	Booth, Annie
Anderton, H. V.	Barlow, Margaret E.	Booth, Dorothea J. O.
Andrew, Mary G.	Barlow, Mildred E.	Booth, Helene E. K.
Andrew, Wilfred	Barlow, T. E.	Booth, James
Appleby, Isobel G.	Barnes, Elizabeth M.	Booth, Percy
Appleton, Edith L.	Barnes, Ethel	Booth, R. C.
Appleton, J. R.	Barnes, Margaret S.	Borders, A. R.
Appleton, J. N.	Barnett, T. H.	Bott, D. E. M.
Appleyard, Madge M.	Baron, D. K.	Bottomley, G. H.
Ap Thomas, Muriel I. R.	Baron, Eric	Bottomley, Gwen
Ardill, B. J.	Baron, W. J.	Bottoms, Alan
Armitage, D. L.	Barr, R. T.	Bowden, W. E.
Arnett, Muriel M. S.	Barritt, D. P.	Bowen, Eric
Arschavir, Arthur	Barry, W. P.	Bowyer, Ronald
Ashe, T. S.	Bates, A. P.	Boyes-Varley, C. G.
Ashley, G. T.	Batley, Eric	Boyle, Monica D.
Ashton, A. E.	Batson, S. J.	Bradley, Barbara
Ashton, A. C.	Battersby, Philip	Bradley, Wilfred
Ashton, Alice C.	Battersby, T. F.	Bramfit, E. P.
Ashton, A. B.	Batty, Florence M.	Brand, C. A. B.
Ashton, C. C.	Bayley, E. H.	Bran, T. M.
Ashworth, Edwin	Beaton, J. R.	Brayn, Margery M.
Ashworth, Sidney	Beckett, R. S. A.	Brayshaw, A. J.
Ashworth, Wilfred	Bedwell, W. T.	Brayshaw, Muriel J.
Askew, Raymond	Beckstock, David	Brentnall, Beatrice A.
Aspden, J. P.	Beer, A. S.	Brentnall, Christine D.
Astington, Eric	Behrmann, Samuel	Brentnall, Helen F.
Atherton, Thomas	Bell, Christina M.	Brew, Edwin
Athey, J. B.	Bell, E. W.	Brewer, Stanley
Atkinson, A. L.	Bell, F. M.	Brice, Hilda
Atkinson, Estelle P. M.	Bell, James G.	Bridge, A. H.
Austin, H. B.	Bell, John G.	Bridge, J. C.
Babbage, J. C.	Bembridge, George	Bridge, Ruth A.
Bagon, Arie	Benham, G. H. H.	Bridson, T. W.
Bagshaw, F. B.	Benjamin, Gertrude	Brierley, Alan
Baguley, John	Benjamin, Vera D.	Brierley, Ellen
Bailey, Eileen I.	Bennett, J. M.	Briggs, C. F.
Bailey, Eric	Bennett, G. T. H.	Briggs, G. H.
Bailey, Fred	Bennett, Muriel L.	Briggs, Hilda
Bailey, Mary H.	Bentham, Max	Brindle, Ellen J.

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 Dick, T. B. S.  
 Dicken, Russell  
 Dickinson, A. R.  
 Dickinson, Kathleen  
 Dickinson, R. G.  
 Dickinson, R. A.  
 Dickson, A. M.  
 Dinsdale, Tom  
 Dixon, F. J.  
 Dobson, Margaret E.  
 Dodd, F. T.  
 Dodd, Kathleen A.  
 Dover, Robert  
 Donnelly, Brian  
 Dowbiggin, Alan  
 Downes, Alan  
 Drinkwater, J. W.  
 Driver, G. F.  
 Dryburgh, E. G.  
 Duckworth, Arthur  
 Duckworth, Derrick  
 Duffin, H. S.  
 Dumbill, Alexander  
 Duncan, J. B.  
 Dunkerley, Colin  
 Dunlop, Margaret  
 Dunn, Sheila M.  
 Durrant, F. A. W.  
 Dutton, Olive K.  
 Duxbury, Muriel  
 Duxbury, Winifred M.  
 Dykes, K. C.  
 Dyson, F. O.  
 Earp, J. R.  
 Easton, Hilda  
 Eastwood, F. H.  
 Eastwood, Wilfred  
 Eaton, E. J.  
 Eckersley, N. A.  
 Eden, Marjorie K.  
 Edge, O. P.  
 Edington, Kenneth  
 Edmondson, Joan M.  
 Edwards, Alice  
 Edwards, Lorna M. B.  
 Egerton-Smith, J. D.  
 Elkin, Olive I. E.  
 Eley, D. D.  
 Elliott, J. B.  
 Elliott, Roy  
 Ellis, Arthur  
 Elms, F. P.  
 Ellison, Clare  
 Ellison, Harry  
 Ellison, Margaret J.  
 Ellison, W. G.  
 El Sayed, El S. El G.  
 El Shafer, I. F.  
 Englesberg, Bernard  
 Entwistle, Betty V.  
 Entwistle, Kathleen M.  
 Entwistle, Mary  
 Epstein, J. A.  
 Ericsson, Bo  
 Evans, A. G.  
 Evans, D. G.  
 Evans, E. A.  
 Evans, Ella M.  
 Evans, G. J.  
 Evans, Jack  
 Evans, R. J.  
 Everton, Olga M.  
 Ewing, Margery  
 Fairhurst, Frances  
 Fairhurst, Georgina  
 Fairweather, Alan  
 Faizy, Mohamed

Fanthorpe, Nancy  
 Farnell, Edith  
 Farrell, D. W.  
 Farraud, Nancy  
 Farrimond, Margaret  
 Farrington, Geoffrey  
 Farrington, Margaret  
 Faulkner, Eleanor G.  
 Faulkner, Mary S.  
 Feingold, Reuben  
 Fenton, Frank  
 Ferguson, A. C.  
 Ferguson, J. G.  
 Ferguson, J. R.  
 Ferguson, J. H.  
 Ferguson, K. W.  
 Fielden, H. S.  
 Fielding, C. H.  
 Fielding, E. A.  
 Fielding, Gwladys M.  
 Finch, Arthur  
 Finch, C. D.  
 Fink, Sidney  
 Finn, Hoy  
 Firth, Doris M.  
 Firth, F. A.  
 Firth, H. D.  
 Fisch, Solomon  
 Fisher, G. S.  
 Fisher, Patricia M. C.  
 Fishwick, Katherine  
 Fitton, L. R.  
 Flack, I. H.  
 Flacks, Benjamin  
 Fleming, Harry  
 Flemming, Clifford  
 Fletcher, Dorothy E.  
 Fletcher, F. M. H.  
 Fletcher, J. A.  
 Fleure, Mary  
 Flint, Constance E.  
 Flood, R. G.  
 Foden, Arthur  
 Foot, Dorothy M.  
 Forbes, Helen M.  
 Forbes, J. D.  
 Forrest, E. W.  
 Forrester, Stephen  
 Forster, G. I.  
 Fort, Mary T.  
 Fothergill, Catherine M.  
 Foulkes, Donald  
 Fowler, Harry  
 Fox, Dennis  
 Fox, E. W.  
 France, G. D.  
 France, J. H.  
 Francke, Bernard  
 Francomb, Evelyn D. M.  
 Frank, W. R. B.  
 Frankish, Albert  
 Franks, Samuel  
 Fraser, H. R.  
 Freeman, John  
 Fry, R. H.  
 Fryer, L. N.  
 Fultord, Aubrey  
 Gadd, Margaret L.  
 Gallaway, W. F.  
 Gardiner, Henry  
 Gardner, T. W.  
 Garmany, Gerald  
 Garner, J. C.  
 Garneit, W. J.  
 Garrett, A. L.  
 Garside, Donald  
 Garside, J. E.  
 Garstang, Winifred

Gaskell, Christopher  
 Gaskell, William  
 Gaul, R. C.  
 Gaultier, Mary  
 Genner, Winifred M.  
 Gent, A. W.  
 Gent, Margaret B.  
 Geoghagan, Mary  
 Gerrard, Dorothy M.  
 Gibson, Dora I.  
 Gibson, Ernest  
 Gill, Bessie  
 Gill, Ernest  
 Gill, R. S.  
 Goddard, W. H.  
 Gokson, Allen  
 Gold, J. H.  
 Golder, Kathleen M.  
 Goldman, Jacob  
 Goldstone, Norman  
 Golland, Mary H.  
 Gooby, Roy  
 Goodall, John  
 Goodwin, Barbara H.  
 Goodwin, D. R. T.  
 Goodwin, G. R.  
 Goodyer, F. F.  
 Goom, Kenneth  
 Gordon, S. E.  
 Gorna, J. C.  
 Gornall, George  
 Gorton, Edward  
 Gorton, Robert  
 Gould, Elwyn M. E.  
 Gough, Kathleen G.  
 Gradidge, J. G.  
 Graddon, J. H. F.  
 Graham, D. S.  
 Graham, Veronica  
 Grant, Frieda  
 Graves, K. C.  
 Grayson, Harry  
 Green, A. E.  
 Green, Eva  
 Green, Herbert  
 Green, Rosaline  
 Greenberg, J. C.  
 Greenhalgh, Edith A.  
 Greenhalgh, Eric  
 Greenhalgh, Ernest  
 Greenhalgh, Frank  
 Greenhalgh, Robert  
 Greenhalgh, R. K.  
 Greenwood, J. T.  
 Greeves, D. A.  
 Gregory, A. C.  
 Gregory, J. R.  
 Gregory, Lucy  
 Gregson, A. H.  
 Grotten, K. B.  
 Gribbin, Patricia R.  
 Griffiths, G. R.  
 Griffiths, Richard  
 Grinshaw, John  
 Groves, Richard  
 Grosman, S. L.  
 Grunberg, N. D.  
 Grundy, J. M.  
 Grundy, Robert  
 Grundy, Samuel  
 Gunn, P. R. M.  
 Gunston, A. P.  
 Haardt, W. L.  
 Hackney, Ernest  
 Haddakin, Eileen  
 Hafez, Y. I.  
 Hagan, Rose D.  
 Haggas, Annie



## List of Students.

Jones, Barbara M.  
 Jones, D. P.  
 Jones, Dorothy F.  
 Jones, G. A.  
 Jones, Margaret E.  
 Jones, Muriel S.  
 Jones, R. N.  
 Jones, R. C.  
 Jones, Ruth  
 Jones, Royston  
 Jones, S. H. O.  
 Jones-Williams, Gwen E.  
 Jucker, Ninetta  
 Juhlin, Karin L.  
 Kaufman, Solomon  
 Kay, Dennis  
 Kay, Evelyn  
 Kay, John  
 Kearney, Winifred  
 Keeley, K. M.  
 Kelly, Desmond  
 Kelly, T. S-B.  
 Kendrick, Myra  
 Kennedy, Thomas  
 Kennedy, W. D.  
 Kenney, J. D.  
 Kenny, Sheila  
 Kent, Kathleen M.  
 Kenworthy, J. W.  
 Kenworthy, Josephine E.  
 Kenworthy, Phyllis N.  
 Kenyon, Alicia  
 Keynon, Barbara  
 Kenyon, Emma C.  
 Kenyon, Jessie G.  
 Kershaw, W. E.  
 Kerr, Donald  
 Kershaw, Leslie  
 Kershaw, L. W.  
 Kettle, John  
 Kewley, T. K.  
 Keyes, Margaret M.  
 Kidd, N. S.  
 Kiff, D. N.  
 Killey, Joan E.  
 King, E. J.  
 King, Gordon  
 King, Henry  
 Kinnear, A. M.  
 Kippax, P. W.  
 Kirkman, Alice  
 Kirkman, N. F.  
 Kirkpatrick, Wilfred  
 Knight, A. R.  
 Knight, Freda H.  
 Knight, Hilda  
 Knowles, Vincent  
 Komrower, G. M.  
 Koretz, H. A.  
 Kowshik, D. N.  
 Kraft, Gerardus  
 Kron, Victor  
 Kurmann, Max  
 Kuvaronda, Prabaddha  
 Kwok, L. P.  
 Kuyser, W. C.  
 Lace, May V. B.  
 Lahiri, R. P.  
 Laing, Dorothy  
 Lamb, C. W.  
 Lambert, Alan  
 Lambert, Dorothy E.  
 Lambert, Frank  
 Lancaster, Stanley  
 Lang, Cecelia H.  
 Langley, F. A.  
 Lansdale, William  
 Lant, Richard

Launer, Nathan  
 Laurence, H. L. H.  
 Laurence, P. N.  
 Lawrie, W. B.  
 Lawson, John  
 Lawton, Hilda  
 Lawton, T. H.  
 Laycock, Annie  
 Leach, Kathleen  
 Lee, Edward  
 Lee, Leonora E.  
 Lee, P. T.  
 Lee, O. R. J.  
 Leech, L. H.  
 Leek, Edward  
 Lees, Arthur  
 Lee, F. N.  
 Lees, V. T.  
 Leggett, Frank  
 Lendrum, J. D.  
 Lenton, Jessie M.  
 Leon, Emanuel  
 Leon, I. S.  
 Leon, Hector  
 Lester, Lillian D.  
 Lever, Albert  
 Lever, Norah  
 Lever, N. H.  
 Levie, M. H. P. A.  
 Levy, J. B.  
 Levy, Norman  
 Levy, Simon  
 Lewis, D. A.  
 Lewis, L. F. E.  
 Lewtas, Margaret R.  
 Liddington, Ronald  
 Lieberman, A. A.  
 Lieberman, M. M.  
 Liebert, Katharine I.  
 Lighton, George  
 Lindley, Edgar  
 Lisbona, Ruth M.  
 Lister, T. M.  
 Lister, Wilfred  
 Little, M. E.  
 Littler, Nora F.  
 Littlewood, Arthur  
 Liversedge, L. A.  
 Livesey, Harold  
 Livshin, David  
 Lloyd, A. B.  
 Lloyd, E. R.  
 Lloyd, R. J.  
 Locke, G. B.  
 Locking, Eric  
 Lockwood, R. H. M.  
 Lofthouse, Annie  
 Lofthouse, Hilda  
 Lomax, James  
 Lomax, K. S.  
 Longbotham, Kathleen D. M.  
 Longbottom, Donald  
 Longworth, Marian C.  
 Lord, G. A.  
 Lord, W. M.  
 Lowe, Arthur  
 Lowe, Edith M.  
 Lowe, E. A.  
 Lowe, Joseph  
 Lowe, R. S.  
 Lowe, W. A.  
 Lumley, Maisie  
 Lund, J. W. G.  
 Lyng, Helena M.  
 Lyth, Constance M. F.  
 Lythgoe, Basil  
 McAleavy, Henry

McArthur, Margaret A.  
 Maccall, J. T.  
 McCann, William  
 McCoy, Catherine  
 McDonogh, R. S.  
 McDowall, Kenneth  
 Macduff, Kenneth  
 McGilvray, J. C.  
 McGlone, Walter  
 McGowan, G. C.  
 McGowan, Winifred M.  
 McGrath, Ellen  
 McGuinness, J. W.  
 McHardy, Alexander  
 McHugh, B. P.  
 Makay, Alan  
 MacKay, A. F.  
 MacKay, D. H.  
 McKenzie, Rose  
 Mackereth, R. J.  
 McKnight, W. C.  
 McLachlan, R. E.  
 McLellan, W. J.  
 Maclean, Peggy  
 McMullen, Hugh  
 McTrusty, Jessie E.  
 McWilliam, Jean  
 Madgen, C. B.  
 Maghrabi, M. H.  
 Magraw, W. L.  
 Matland, C. W.  
 Makin, F. R. L.  
 Makin, George  
 Maldin, J. M.  
 Maldin, W. W.  
 Makinson, William  
 Makram, G. E.  
 Malcolm, J. A. H.  
 Mallalieu, L. B.  
 Mallinson, Ralph  
 Mandale, Jeanette M.  
 Mander, Mary  
 Mann, A. C.  
 Manson, Ruth H.  
 Mappin, A. G.  
 Margerison, A. L.  
 Margerison, Joan  
 Marriott, Reginald  
 Marrow, Leslie  
 Marsh, Arnold  
 Marshall, Allan  
 Marshall, C. T.  
 Marshall, Eileen  
 Marshall, Harry  
 Marsland, Herbert  
 Marsland, Thomas  
 Martin, A. E.  
 Martin, H. J.  
 Martin, Kathleen  
 Martin, R. D. H.  
 Martin, Teresa  
 Martin, T. M.  
 Mason, Annie  
 Mason, E. B.  
 Mason, Jean  
 Mason, Marguerite J.  
 Mason, Mary W.  
 Mason, Wilfred  
 Mather, Amy B. de V.  
 Mather, Florence M.  
 Matthews, Leslie  
 Matthews, Norman  
 Mattinson, A. B.  
 May, T. E.  
 Mayo, F. B.  
 Mellodew, Frances M.  
 Mellodew, J. L.  
 Mellor, J. C.

## List of Students.

Roberts, E. H.  
 Robertshaw, A. L.  
 Robertson, Helen McL.  
 Robinson, A. J. O.  
 Robinson, Eileen M.  
 Robinson, G. A.  
 Robinson, I. R.  
 Robinson, J. M.  
 Robinson, Marjorie F.  
 Robinson, T. H.  
 Robinson, William  
 Robson, Catherine  
 Robson, D. W.  
 Robson, W. A.  
 Rock, I. H.  
 Rogers, H. C.  
 Rogerson, Helen E.  
 Rogerson, Mary A.  
 Rohde, K. J.  
 Rolls, Lucy  
 Rooks, G. J.  
 Roper, Doris  
 Rose, Frederick  
 Rose, H. S.  
 Rosengarten, Emanuel  
 Roskell, J. S.  
 Ross, Leslie M.  
 Rothwell, Arthur  
 Rothwell, Eric  
 Rowland, Margaret  
 Rowlands, E. N.  
 Rowlatt, Geoffrey  
 Rowson, J. K.  
 Royle, Cyril  
 Ruane, Thomas  
 Ruddin, C. E.  
 Ruff, Lorna A.  
 Ruscoe, John  
 Rush, A. W.  
 Rushworth, A. W.  
 Ryan, Monica  
 Ryan, P. F.  
 Rylands, W. H.  
 Sagar, Harold  
 Sagar, Walter  
 Sajjadi, A. K.  
 Sanders, H. G.  
 Sanderson, Harry  
 Sandiford, Kenneth  
 Saunders, A. W.  
 Saunders, H. R.  
 Saunbury, Edward  
 Savory, H. J.  
 Saxon, Eric  
 Saxton, K. B.  
 Schatzow, Israel  
 Schofield, B. S.  
 Schofield, Fred  
 Schofield, Jim  
 Schofield, John  
 Schrage, Jakob  
 Scott, Sheila M.  
 Seager, G. C.  
 Seal, Gladys W.  
 Seaman, Matthew  
 Seanor, R. V.  
 Seddon, J. W.  
 Sedgfield, H. B.  
 Seed, C. K.  
 Seed, P. G.  
 Self, Helen  
 Sewell, Gwendoline M.  
 Sewell, T. P.  
 Shaheen, Y. M.  
 Shallcross, John  
 Sharples, A. C.  
 Shasha, Donald  
 Shashoua, Aboud

Shaw, C. E.  
 Shaw, Dorothy A.  
 Shaw, Ethel L.  
 Shaw, E. W.  
 Shaw, R. M.  
 Shawcross, H. R.  
 Sheehan, Evelyn P.  
 Shepherd, C. A.  
 Shepherd, George  
 Shepherd, G. H.  
 Shepherd, W. H.  
 Shepherd, Jean  
 Shepherd, J. N.  
 Sheridan, Freda  
 Shevah, Moses  
 Shield, Mary W.  
 Shlosberg, Samuel  
 Shoosmith, Emily M.  
 Short, Nora  
 Shorter, A. H.  
 Shorter, B. H.  
 Shorter, T. B.  
 Shoulman, Rahoum  
 Shtetinn, Nina  
 Shute, Dennis  
 Shuttleworth, D. A.  
 Sia, Yen  
 Siddall, Harold  
 Simmonds, Barbara J.  
 Simmons, Florence M.  
 Simon, Jamil  
 Simpson, Joan E.  
 Sketch, Geoffrey  
 Skipper, T. C.  
 Slack, H. G. B.  
 Sladin, Nance R.  
 Slater, H. B.  
 Slater, Mary K.  
 Slater, Robert  
 Slater, R. S.  
 Sleight, Bernard  
 Smare, D. L.  
 Smart, Betty E.  
 Smith, A. A.  
 Smith, A. M. L.  
 Smith, Cecile J. L.  
 Smith, C. F.  
 Smith, Colin  
 Smith, Dora  
 Smith, Dorothy E.  
 Smith, Elizabeth M.  
 Smith, Eric  
 Smith, Frank  
 Smith, F. D.  
 Smith, F. W.  
 Smith, F. W.  
 Smith, J. K.  
 Smith, Gertrude M.  
 Smith, Kate  
 Smith, Kathleen M.  
 Smith, Mary F.  
 Smith, Olga M.  
 Smith, Wilfred  
 Smith, W. A.  
 Smith, W. B.  
 Smithies, Dorothy E.  
 Smyth, Cathleen P.  
 Snape, Percy  
 Snowball, Annie D.  
 Snowden, Emma  
 Somanabandhu, Peng  
 Soroush, Reza  
 Southan, Joyce E.  
 Southern, Robert  
 Sowerworth, Stella  
 Sowerbutts, K. M.  
 Sowerby, Harry  
 Spark, Norman

Speak, Frank  
 Speare, L. S.  
 Spedding, Ethel N.  
 Spencer, Norman  
 Spencer, W. K.  
 Srivastava, J. K.  
 Stafford, Margaret J.  
 Standring, Eud M.  
 Stanley, Mary  
 Stansfield, Harry  
 Stansfield, Olive  
 Stansfield, R. N.  
 Stant, Marion  
 Starkie, Henry  
 Starkie, John  
 Statham, Kenneth  
 Steeples, Lionel  
 Steinar, Eileen L.  
 Stevens, Gordon  
 Stevens, Louisa E.  
 Stevenson, C. T.  
 Stewart, D. B.  
 Stewart, Ernest  
 Stewart, T. S.  
 Stilton, Eva M.  
 Stimpson, Beryl H.  
 Stockdale, Frank  
 Stockton, C. E.  
 Stoddard, Norman  
 Stoker, Phyllis A.  
 Stonchase, P. A.  
 Stonestreet, Maurice  
 Stott, Elizabeth E.  
 Stott, Ronald  
 Stott, R. C.  
 Stowe, G. T.  
 Strange, Muriel N.  
 Stratton, Fred  
 Strauss, J. N.  
 Strauss, Zelia  
 Stromberg, Harry  
 Stuart, Mary  
 Stubbs, F. B.  
 Stubbs, Kathleen F.  
 Suart, Dorothy  
 Sumpter, Miriam  
 Sutton, Simon  
 Sutherland, Robert  
 Sutton, Gwendoline M.  
 Swabey, P. S. W.  
 Swain, Marjorie  
 Swain, K. W.  
 Swallow, A. W.  
 Swanson, R. P.  
 Swift, R. A.  
 Sykes, Constance  
 Sykes, Ellis  
 Tann, Milton  
 Tapley, E. W.  
 Taylor, Abraham  
 Taylor, A. A.  
 Taylor, A. M.  
 Taylor, A. R.  
 Taylor, Arthur  
 Taylor, B. T.  
 Taylor, C. R.  
 Taylor, Edward  
 Taylor, Elizabeth  
 Taylor, Florence  
 Taylor, J. E.  
 Taylor, Mary K.  
 Taylor, Norman  
 Taylor, F. H.  
 Taylor, Thomas  
 Taylor, Vera M.  
 Taylor, Wallace  
 Taylor, W. F.  
 Taylor-Jones, Kenneth

## III. STUDENTS TAKING OTHER COURSES.

Abbott, K. D. G.	Caldwell, Harry	Evans, A. M.
Abell, Thomas	Cansino, H. M.	Evans, Gordon
Abercrombie, R. H.	Carrington, Evelyn	Evans, J. R.
Abson, H. W.	Carbis, J. L. K.	Eve, William
Adamson, John	Carter, H. A.	Evison, E. H.
Adams, Olga H.	Cavanagh, A. L.	Fairhurst, W. L.
Aldington, H. A.	Chambers, H. B.	Fare, William
Alexander, Harold	Chandler, John	Featherstone, Alfred
Alexander, P. M.	Chappellier, Alice B. G.	Fenton, James
Ali, T. M.	Chilton, Tom	Fenton, N. S.
Ali, S. M.	Chiney, R. P.	Ferguson, C. R.
Alker, Walter	Christian, C. J.	Fidler, Annie
Allsup, Roland	Claiman, I. W.	Fillingham, B. H.
Anderson, T. A.	Clarke, Gertrude G.	Firman, Hosi
Armstrong, Thomas	Clarkson, J. S.	Fitton, Luev
Ashcroft, Gordon	Clayton, G. F.	Fletcher, Hugh
Askew, Mary B.	Clayton, H. O.	Fogan, J. F.
Asprey, F. A.	Clayton, J. R.	Fogg, Jack
Aspinall, Ada	Cleworth, S. D.	Ford, Stanley
Aspinall, Walter	Cliffe, Margeurite	Forster, R. C.
Astle, R. D.	Cludius, Irmgard	Foulds, Tom
Atkinson, H. F.	Cocker, Geoffrey	France, C. S.
Bailey, J. A.	Cohen, C. N.	Francis, J. W.
Bailey, W. M. Z.	Cohen, Julius	Frankenburg, E. F.
Baker, C. T.	Cohen, Louis	Franks, J. H.
Bakewell, Weeder	Cohen, R. A.	Freeman, Herbert
Baldwin, A. B.	Collens, R. F.	Gaffin, Julius
Barker, J. E.	Collier, G. H.	Garnett, J. H.
Barlow, Harry	Conroy, Teresa E.	Gartside, Edward
Becker, M. S.	Cookson, J. E.	Gatley, J. S.
Beier, Fritz	Cooper, H. J.	Gibb, C. O. S.
Bentley, A. H.	Cooper, W. H.	Gibbons, J. M.
Bentovim, Harry	Copestake, Edgar	Gibson, Mary R.
Berry, Frank	Copple, Cecil	Gillibrand, Frank
Berry, J. K.	Cornes, S. M.	Gittings, S. J.
Berry, Maurice	Crompton, R. J.	Glass, C. E.
Berry, Ronald	Crossley, R. N.	Gledsdale, H. P.
Besford, J. C. P.	Crozier, S. F.	Glynn, W. A.
Billings, A. G.	Cullen, Gerard	Goldman, Saul
Birtwell, A. J.	Daker, Derek	Goldstone, J. S.
Blackburn, J. E.	Daltry, J. E.	Goodwill, George
Blake, A. H.	Davey, A. C. C.	Graham, F. B.
Boeok, Ernst	Davies, Charles	Gratrix, Eric
Bogue, J. L.	Davies, P. H.	Gregory, Beatrice A. J.
Booth, H. A.	Davison, P. H.	Gregson, Robert
Borland, N. A.	Dawson, Clifford	Grindrod, G. E.
Boyle, A. N.	Deardon, R. H.	Hackney, K. S.
Boyle, D. S.	Dearnaley, R. B.	Hague, Mary
Brabbing, Fred	Deas, G. W.	Haigh, George
Breese, L. S.	Derbyshire, Kenneth	Hales, John
Brice, L. D.	De Sousa, L. J. A.	Hall, J. H. S.
Brierley, R. F. B.	Dickinson, Dorothy S.	Halliwell, E. G.
Broadbent, B. I.	Dickson, D. R.	Hallsworth, F. P.
Brooks, F. S. S.	Dixon, C. N.	Halstead, Ada
Brooks, J. T.	Dodd, F. S.	Halstead, Harold
Brooks, K. R.	Dole, H. O.	Ham, Stanley
Brooks, R. T.	Donald, Elisabeth J. (Mrs.)	Hannay, G. B.
Brown, G. W.	Douglas, George	Hardcastle, F. K.
Bryant, R. H.	Douglas, Reginald	Harding, Arthur
Buck, J. S.	Downs, A. H.	Hardman, C. R.
Buckley, A. S.	Downing, Noel	Hardman, Cyril
Buckley, Norman	Driver, N. W.	Hardman, L. B.
Budd, John	Driver, Norman	Hardy, J. M.
Bullemer, Elizabeth	Duckett, B. G.	Hargreaves, W. W.
Burgess, J. P.	Duffy, Edwin	Harrison, C. M. C.
Burlinson, Harry	Dunkerly, Alice	Hart, T. N.
Burnedred, W. H.	Du Vivier, E. H. E.	Haward, N. H.
Burrell, Jack	Dykes, T. P.	Hawley, J. P.
Burrows, Hornby	Eagland, K. C.	Hay, D. W.
Burton, S. B.	Edmunds, R. S.	Haywood, E. N.
Butterworth, Marion	Edwards, E. P.	Haythornthwaite, G. G.
Buttrick, W. T.	Ellis, G. J.	Heald, John
Byram, L. B.	Ellison, Charles	Healey, Arthur
Byrom, James	Elmas, Ibrahim	Heap, M. J. McK.

Lempert, Harry  
 Leyland, J. R.  
 Littlepage, S. E.  
 Lloyd, G. R.  
 Lockett, J. H.  
 Lord, M. L.  
 Loveridge, K. G.  
 Lorimer, K. L.  
 McKelvey, W. B.  
 McKinnon, E. B.  
 McMurdo, Lydia  
 McQuillan, Thomas  
 Maben, Alexander  
 Manion, L. S.  
 Manson, Sylvia R.  
 Marks, Frederick  
 Martin, R. C.  
 Martin, T. Y.  
 Martins, A. F. G. B.  
 Mason, H. T.  
 Massey, W. H.  
 Massie, A. P.  
 Matthew, M. P. V.  
 Mattison, L. H.  
 Maughan, N. C.  
 Maywhort, J. E.  
 Mellor, W. C.  
 Mendoza, J. T.  
 Merica, Michael  
 Meynell, J. F.  
 Millner, G. F.  
 Minto, Marjorie  
 Mitchell, A. V.  
 Molyneux, A. E.  
 Monks, F. T.  
 Moody, Geoffrey  
 Moore, D. C.  
 Moore, G. A.  
 Moore, Harry  
 Moore, Janet M.  
 Moorhouse, Frank  
 Morgan, Alfred  
 Morgan, K. J.  
 Morrell, W. A.  
 Morris, A. H.  
 Moulton, Fred  
 Moule, A. W.  
 Mullen, Alban  
 Murray, Robert  
 Murray, Wilfred  
 Nahmias, Maurice  
 Napper, J. H.  
 Nash, P. H.  
 Newing, F. B.  
 Newton, G. P.  
 Newton, Roland  
 Nicholls, Patricia H.  
 Nield, Gordon  
 Norcliffe, T. S.  
 O'Brian, J. F.  
 O'Connor, K. J.  
 Oppenheim, Bernard  
 Ormston, Clifford  
 Oversby, J. P.  
 Owen, E. L.  
 Owen, L. P.  
 Pacey, A. L.  
 Page, F. M.  
 Pape, Arthur  
 Pargeter, Helen E.  
 Parker, G. S.  
 Parkinson, Frank  
 Parkinson, Norman  
 Parkunson, R. L.  
 Parkinson, S. W.  
 Parry, A. L.  
 Paterson, Agnes M.  
 Patterson, C. K. M.

Payne, G. E.  
 Payton, D. V.  
 Peacock, F. A. W.  
 Pearson, Mildred M.  
 Pedersen, F. P.  
 Pedley, W. J.  
 Peel, John  
 Pendlebury, Phyllis E.  
 Pepperdine, R. S.  
 Perry, Madge K.  
 Philbin, B. J.  
 Pickup, Leo  
 Pigott, P. J.  
 Pilling, Thomas  
 Plane, Arthur  
 Podesta, G. R.  
 Pool, C. G.  
 Pope, Agnes J.  
 Potts, Philip  
 Pratt, Philip  
 Prentice, Margaret H.  
 Pym, L. A.  
 Rangeley, Jack  
 Rawstron, Fred  
 Redman, H. J. K.  
 Richardson, J. C.  
 Rigby, H. M.  
 Rimington, Richard  
 Riser, Joseph  
 Roberts, Enid  
 Roberts, F. C.  
 Robinson, C. H.  
 Rodway, J. B.  
 Rosevere, E. G.  
 Roseman, Margaret  
 Rothwell, J. C.  
 Rowson, J. M.  
 Royds, W. A.  
 Royley, Jack  
 Russell, P. W. D.  
 Salem, Jack  
 Sandler, Cecil  
 Savage, H. N.  
 Scanlon, C. E.  
 Schaefer, Douglas  
 Schofield, James  
 Schofield, J. B.  
 Scott, D. W. F.  
 Scott, J. S.  
 Scott, T. K.  
 Seager, Constance W.  
 Sellars, J. D.  
 Shaw, Clifford  
 Sheasby, H. W. S.  
 Shenton, F. C.  
 Shepley, Ethel B.  
 Sherwen, J. H.  
 Shrager, Alexander  
 Shtetinin, Nicholas  
 Silvera, E. L.  
 Simpson, G. H.  
 Skidmore, D. E.  
 Sleigh, Robert  
 Sloan, Derrick  
 Smith, A. S.  
 Smith, David  
 Smith, Harry  
 Smith, J. W.  
 Smith, Thomas  
 Smith-Carrington,  
 Betty M. K.  
 Speakman, H. G.  
 Spencer, G. H. T.  
 Spencer, K. A.  
 Spurgin, B. W. S.  
 Spurgin, Edith M.  
 Srivastava, Sheila  
 Steele, W. T.

Steeple, William  
 Stephens, M. S. C.  
 Stevenson, F. F.  
 Stewart, A. S.  
 Stone, L. D.  
 Stones, J. D. McL.  
 Sturgess, F. W.  
 Sturman, Rose H.  
 Sutcliffe, J. H.  
 Swanwick, G. R.  
 Talboys, Kenneth  
 Taylor, F. S.  
 Taylor, Harry  
 Taylor, J. D.  
 Taylor, John  
 Taylor, L. J.  
 Taylor, R. P.  
 Theakston, J. A.  
 Thompson, Annie  
 Thompson, E. H.  
 Thompson, J. A.  
 Thorniley, Eric  
 Thornton, Eric  
 Tofail, A. K.  
 Tomlinson, William  
 Totty, T. H.  
 Traeger, Edith  
 Travis, G. F.  
 Trenbath, H. V. O.

Tsolakides, D. M.  
 Turton, Dorothy R.  
 Vahab, Yona  
 Vickers, John  
 Vine, L. J. B.  
 Vogt, Paul  
 Waite, J. L.  
 Walker, G. O.  
 Walker, W. H.  
 Wallwork, Frank  
 Walton, Donald  
 Walton, G. F.  
 Warburton, F. H.  
 Ward, Richard  
 Watson, John  
 Watts, W. J.  
 Webb, Albert  
 Western, Wilfred  
 Wharton, G. C. C.  
 Whatmough, Derrick  
 Whelan, F. J.  
 White, Peter  
 White, Stanley  
 Whitehead, Jerry  
 Whittaker, Leonard  
 Whittle, J. H.  
 Wignall, Bessie  
 Williams, A. H.  
 Williams, E. W.

Williams, F. C.  
 Williams, Horace  
 Williams, J. N.  
 Williams, S. P.  
 Wilmot, K. G.  
 Wilson, A. B.  
 Wilson, Frances I.  
 Wilson, Frank  
 Wilson, Helen A. F.  
 Wilson, William  
 Wise, W. J.  
 Wishart, G. N. M.  
 Wolfendale, Eric  
 Wollaston, C. W.  
 Wolstenholme, W. H.  
 Wood, Cyril  
 Wood, George  
 Woolham, Katherine L.  
 Woolstencroft, Robert  
 Work, Emma G.  
 Wotherspoon, R. A.  
 Wragge, N. O.  
 Wrathall, J. L.  
 Wrathnell, T. B.  
 Wray, W. P.  
 Wright, A. L.  
 Wright, C. E.  
 Yates, G. W.

## List of Associates of the Owens College who are not Graduates of the University.

(For a statement as to the privileges of former Associates of Owens College, see the *Calendar* for 1914-15, page 850.)

Percival Wallis Allen	Leopold Larnuth
Lucy Elizabeth Bennison	Bevan Lean
<i>Richard Oxley Bowman</i>	<i>Thomas Denham Ledward</i>
Reginald Hargreaves Bulley	Edward Little
<i>Thomas James Cobden-Sanderson</i>	David Charles Morgan Lunt
Archibald William Cuff	<i>Sidney McDougall</i>
Sigismund Theodore Dawson	Sydney Mason
Harry Penwarne Ede	Frederick Moore
Frederick Edge	Martin Joseph O'Flanagan
<i>John Elliott</i>	Henry Peridns
<i>George Henry Emmott</i>	Alexander Stanhope Reinhardt
William Henry Fairbrother	John Holland Rose
Henry Gow	Wilfrid Sessions
<i>Harry Grimshaw</i>	James Tait
<i>Robert Harrop</i>	Thomas Slater Tait
Frank William Holmes	Florence Emily Thomas
Joseph Hume Hume-Rothery	Joseph John Thomson
Daniel Lincoln Jones	<i>Foster Watson</i>
<i>Edward Meyer de Jong</i>	

## Convocation.

(For the Ordinances regarding Convocation, see page 353.)

The members of Convocation are as follows :—

(i.) *Ex-officio* :

The CHANCELLOR.  
The VICE-CHANCELLOR.  
The PRO-VICE-CHANCELLORS.  
The MEMBERS OF THE SENATE.  
The MEMBERS OF THE BOARDS OF FACULTY.  
The UNIVERSITY FELLOWS.

(ii.) *Graduates of the University who have registered as such are indicated by the letter c in list of Graduates.*

## Graduates.

A—Associate of Owens College.

c—Member of Convocation.

Honorary Graduates become members of Convocation on being elected by that body.

(The names of deceased graduates are printed in italics.)

NOTICE.—Members of the University are invited to send to the Registrar information regarding distinctions gained or posts held by graduates for inclusion in the Register of Graduates.

## HONORARY DEGREES.

1882. <i>James Holme Nicholson</i> , M.A.	1897. Right Hon. <i>James Bryce</i> , Litt.D.
1892. <i>Earl Spencer</i> , LL.D.	(Viscount Bryce).
1895. <i>The Duke of Devonshire</i> , LL.D.	<i>Sir George Gabriel Stokes</i> , Bart., D.Sc.
<i>The Earl of Derby</i> , LL.D.	1898. <i>Lord Lister</i> , D.Sc.
<i>The Marquess of Ripon</i> , LL.D.	1899. <i>Sir Thomas Clifford Allbutt</i> , D.Sc.
<i>Lord Kelvin</i> , D.Sc.	<i>John Llewelyn Davies</i> , Litt.D.
<i>Sir Andrew Fairbairn</i> , D.Sc.	<i>Charles Harold Harford</i> , Litt.D.
<i>Daniel John Lesch</i> , D.Sc.	<i>Edward Schunck</i> , D.Sc.
<i>Sir Henry Enfield Roscoe</i> , D.Sc.	<i>Eleanor Mildred Sidgwick</i> , Litt.D.
<i>Sir Arthur William Rucker</i> , D.Sc.	<i>Frederick William Walker</i> , Litt.D.
<i>Thomas Ashton</i> , LL.D.	1900. <i>Lord Rayleigh</i> , D.Sc.
<i>Richard Copley Christie</i> , LL.D.	<i>Sir William Huggins</i> , D.Sc.
<i>William Rathbone</i> , LL.D.	<i>Sir William de Wiveslie Abney</i> , D.Sc.
<i>Alfred Waterhouse</i> , LL.D.	<i>Sir Thomas Edward Thorpe</i> , D.Sc.
<i>Sir Adolphus William Ward</i> , Litt.D.	<i>Sir James Dewar</i> , D.Sc.
<i>Gerald Henry Rendall</i> , Litt.D.	<i>Andrew Russell Forsyth</i> , D.Sc.
<i>Sir Nathan Bodington</i> , Litt.D.	<i>Sir Richard Tetley Glazebrook</i> , D.Sc.
<i>Alfred Thomas Bentley</i> , M.A.	<i>Sir Sidney Lee</i> , Litt.D.

## HONORARY DEGREES—continued.

1900. *Edward Charles Pickering*, D.Sc.  
*Sir Joseph John Thomson*, D.Sc.  
*Henry Wilde*, D.Sc.  
*Sir William Chandler Roberts-Austen*, D.Sc.
1902. *Sir William Reynell Anson*, Bart., LL.D.  
*Sir John Tomlinson Hibbert*, K.C.B., LL.D.  
*Sir James Hay*, Lord Mayor of Manchester, LL.D.  
*Sir William Rann Kennedy*, LL.D.  
*Edward Craig Maclure*, Dean of Manchester, LL.D.  
*Alfred Nield*, LL.D.  
*Thomas Francis Roberts*, LL.D.  
*Sir Albert Kave Rolin*, LL.D.  
*Lord Strathcona and Mount Royal*, LL.D.  
*Richard Thomas Wright*, LL.D.  
*Augusta Angellier*, Litt.D.  
*Andrew Cecil Bradley*, Litt.D.  
*Hermann Freymann*, Litt.D.  
*Alfred Espinas*, Litt.D.  
*William Paton Ker*, Litt.D.  
*Rev. Alexander MacLaren*, Litt.D.  
*Rt. Rev. James Moorhousa*, Lord Bishop of Manchester, Litt.D.  
*William Walter Merry*, Litt.D.  
*Arthur Sampson Napier*, Litt.D.  
*Euriqueta Rylands*, Litt.D.  
*James Hamilton Wolfe*, Litt.D.  
*Sir Thomas Barlow*, Bart., D.Sc.  
*Sir John Burdon-Sanderson*, Bart., D.Sc.  
*Sir William Selby Church*, Bart., D.Sc.  
*Sir Henry Greenwood Howe*, D.Sc.  
*Sir Alexander Russell Simpson*, D.Sc.  
*Antoine Henri Daquerel*, D.Sc.  
*Robert Chodat*, D.Sc.  
*George Carey Foster*, D.Sc.  
*James Whitbread Lee Glaisher*, D.Sc.  
*Ernest Howard Griffiths*, D.Sc.  
*William Mitchinson Hicks*, D.Sc.  
*Ernest William Hobson*, D.Sc.  
*George Lloyd Howes*, D.Sc.  
*William Jack*, D.Sc.  
*Sir Oliver Joseph Lodge*, D.Sc.  
*Walther Nernst*, D.Sc.  
*John Henry Poynting*, D.Sc.  
*Sir William Augustus Tilden*, D.Sc.  
*Woldemar Voigt*, D.Sc.  
*Harry Marshall Ward*, D.Sc.  
*Adolph Brodsky*, Mus.D.  
*Hans Richter*, Mus.D.  
*Annie Adamson*, M.A.  
*Henry Guppy*, M.A.  
*Elijah Helm*, M.A.  
*Thomas Cogan Horsfall*, M.A.  
*George Milner*, M.A.  
*Charles Rowley*, M.A.  
*Charles William Sutton*, M.A.  
*Charles Henry Wyatt*, M.A.  
*Charles Bailey*, M.A.  
*Francis Jones*, M.Sc.  
*John Henry Reynolds*, M.Sc.  
*James Scotson*, M.Sc.
1903. *Frank Wigglesworth Clarke*, D.Sc.  
*Jacobus Heinrich van 't Hoff*, D.Sc.
1904. *Wilhelm Rein*, Litt.D.  
*Joseph Thompson*, LL.D.  
*Bohuslav Brauner*, D.Sc.  
*Ludwig Mond*, D.Sc.  
*William Henry Perkin*, D.Sc.
1905. *Albert Calmette*, D.Sc.  
*Edoardo Perroncito*, D.Sc.  
*Carlo Salmonsén*, D.Sc.  
*Robert Falcon Scott*, D.Sc.  
*Nicholas Murray Butler*, LL.D.
1906. *Samuel Henry Butcher*, Litt.D.  
*Sir Richard Henn Collins*, Litt.D.  
*Sarah Fielden*, Litt.D.  
*John Percival Postgate*, Litt.D.
1906. *William Ridgeway*, Litt.D.  
*Theodore Neill*, M.A.  
*Julius Frith*, M.Sc.  
*Ivan Levenshtein*, M.Sc.Tech.  
*Emil Fischer*, D.Sc.  
*Leonard Galow Hassel*, B.D.
1907. *George Ellery Hale*, D.Sc.  
*Baron Dairoku Kikuchi*, LL.D.
1908. *Sir Frank Forbes Adam*, Bart., LL.D.  
*Rt. Hon. Arthur James Balfour*, LL.D.  
 (Earl of Balfour and Whittinghame).  
*Edward John Broadfield*, LL.D.  
*Andrew Carnegie*, LL.D.  
*Rt. Hon. Lord Courtney of Penwith*, LL.D.  
*Rt. Hon. Marquess Curzon of Kedleston*, LL.D.  
*Sir Edward Donner*, Bart., LL.D.  
*Rt. Hon. Richard Burdon Haldane*, LL.D.  
 (Lord Haldane of Cloan).  
*Sir Henry Fleming Hibbert*, Bart., LL.D.  
*Sir William Henry Houldsworth*, Bart., LL.D.  
*Sir William Mather*, LL.D.  
*Andrew Martin Fairbairn*, D.D.  
*Sir Edward Maunde Thompson*, Litt.D.  
*Arthur John Evans*, Litt.D.  
*William Farrer*, Litt.D.  
*Henry Jackson*, Litt.D.  
*Arthur Gamgee*, D.Sc.  
*James Cosmo Melville*, D.Sc.  
*William Burton*, M.A.  
*William Kirkby*, M.Sc.
1909. *Beatrice Webb*, Litt.D.  
*Charles Edward Bellamy Russell*, M.A.  
*Richard Curtis Barnes*, M.Com.  
*Whitelaw Reid*, LL.D.  
*Sir Robert Stout*, LL.D.  
*Sir Alfred Conyn Lyall*, Litt.D.  
*Otto Wallinich*, D.Sc.
1910. *William Warde Fowler*, Litt.D.  
*Rt. Rev. Edward Lee Hicks*, Lord Bishop of Lincoln, Litt.D.  
*Prince Boris Galitzin*, D.Sc.  
*Hugo Muller*, D.Sc.  
*Sir William Napier Shaw*, D.Sc.  
*Felix Alexandre Guilmant*, Mus.D.  
*Mary Denny*, M.A.  
*Annie Elizabeth Fredericka Horniman*, M.A.
1911. *Rt. Hon. Walter Runciman*, LL.D.  
*Theodore William Richards*, D.Sc.  
*Margaret Ashton*, M.A.  
*William Thomas Goode*, M.A.  
*Lydia Manley*, M.A.  
*George Sharples*, M.A.  
*William Henry Pearson*, M.Sc.
1912. *Sir Charles Harding Firth*, Litt.D.  
*Richard Lodge*, Litt.D.  
*John Edward Morris*, Litt.D.  
*Albert Frederick Pollard*, Litt.D.  
*Thomas Northcote Toller*, Litt.D.  
*Sir Dugald Clerk*, D.Sc.  
*Sebastian Ziani de Ferranti*, D.Sc.  
*Dukinfield Henry Scott*, D.Sc.  
*Rt. Hon. Lord Shuttleworth*, LL.D.  
*Adolf Deissmann*, D.D.  
*Abraham Park*, M.A.  
*James Fildes*, M.A.
1913. *Jesse Haworth*, LL.D.  
*Thomas Ethelbert Page*, Litt.D.  
*Sir Michael Ernest Sadler*, Litt.D.  
*Robert Wood Williamson*, M.Sc.  
*Albert Thumb*, Litt.D.  
*William Edward Armytage Axon*, M.A.  
*Sir Walter Baldwin Spencer*, D.Sc.  
*Dame Sarah Anne Lees*, LL.D.
1914. *Edward Carter Kersey Gonner*, Litt.D.  
*Albert Feuillerat*, Litt.D.  
*Sir William Henry Bragg*, D.Sc.  
*John Edward Stead*, D.Sc.  
*William Foran Cottrell*, M.A.  
*Bt.-Col. Frank Henry Burnell-Nugent*, M.A.

HONORARY DEGREES—continued.

1914. Charles Day, M.Sc.Tech.  
 1915. Sir Henry Alexander Miers, D.Sc.  
 1919. Leonardo Bianchi, LL.D.  
 Sir Thomas Henry Holland, LL.D.  
 Herbert Clark Hoover, LL.D.  
 Kenneth Lee, LL.D.  
 Bishop Long, LL.D.  
 President A. L. Lowell, LL.D.  
 Right Hon. Jan Christiaan Smuts, LL.D.  
 Right Hon. John Andrew Hamilton, Baron Sumner, LL.D.  
 Eleutherios K. Venizelos, LL.D.  
 Charles Weizmann, LL.D.  
 Edward Vernon Arnold, Litt.D.  
 Francis Archibald Dutton, Litt.D.  
 Sir William Martin Conway, M.P., Litt.D. (Baron Conway of Allington).  
 Caroline Augusta Rhys Davids, Litt.D.  
 Oliver Elton, Litt.D.  
 Right Hon. Herbert Albert Laurens Fisher, Litt.D.  
 T. Joubin, Litt.D.  
 John Holland Rose, Litt.D.  
 Alfred Edward Taylor, Litt.D.  
 Arthur Augustus Tilley, Litt.D.  
 Charles Edwin Vaughan, Litt.D.  
 Henry Spencer Wilkinson, Litt.D.  
 Percy Scott Worthington, Litt.D.  
 Major Tannatt William Edgeworth David, D.Sc.  
 John Albert Hall, D.Sc.  
 Paul Langevin, D.Sc.  
 Julius MacLeod, D.Sc.  
 William McDougall, D.Sc.  
 John Cunningham McLennan, D.Sc.  
 Jean Perrin, D.Sc.  
 William Halse Rivers, D.Sc.  
 Richard Grundy Rows, D.Sc.  
 Sir Richard Threlkell, D.Sc.  
 Ella Sophia Armitage, M.A.  
 Sarah Louisa Dendy, M.A.  
 Charles Wheeler Godbert, M.A.  
 Margaret Greenall, M.A.  
 Spurley Hey, M.A.  
 Jane Penelope Kitchner, M.A.  
 Thomas May, M.A.  
 James Moir, M.A.  
 Joseph James Phelps, M.A.  
 John Ernest Phythian, M.A.  
 William Duncombe Pink, M.A.  
 Henry Taylor, M.A.  
 Arthur Percy Morris Fleming, M.Sc.Tech.  
 Sir Holberry Meusforth, M.Sc.Tech.  
 Standen Leonard Pearce, M.Sc.Tech.  
 1920. Henry Brinley, LL.D.  
 Lord Edgar Algernon Robert Cecil, LL.D. (Lord Cecil of Chelwood).  
 Earl Haigh of Demersyde, LL.D.  
 Sir James Edward Jones, LL.D.  
 Philip Henry Wichestad, Litt.D.  
 Henri Louis Le Châtelier, D.Sc.  
 Alfred North Whitehead, D.Sc.  
 Claude Joseph Goldsmid Montefiore, D.D.  
 William Sanday, D.D.  
 William Nelson, M.A.  
 1921. Charles Prestwich Scott, LL.D.  
 John Tresidder Sheppard, Litt.D.  
 Albert Einstein, D.Sc.  
 Robert Kildston, D.Sc.  
 Sir Charles Scott Serrington, D.Sc.  
 John Turner Marshall, D.D.  
 Fred Brook, M.A.  
 Walter, Butterworth, M.A.  
 James Joseph Mallon, M.A.  
 Jane Fearn Wood, M.Ed.  
 1922. Charles Homer Haskins, Litt.D.  
 George Francis Hill, Litt.D.  
 William Richard Lethaby, Litt.D.

1922. Henri Pirenne, Litt.D.  
 Salomon Reinach, Litt.D.  
 Graham Wallas, Litt.D.  
 Godfrey Harold Hardy, D.Sc.  
 Sir Edward John Russell, D.Sc.  
 George Edwin Maclean, LL.D.  
 Albert Mansbridge, LL.D.  
 Lady Sheffield, LL.D.  
 Thomas Raven Ackroyd, M.A.  
 Stanley Withers, M.A.  
 John Crompton, M.Sc.Tech.  
 1923. Right Hon. the Earl of Crawford and Balcarres, LL.D.  
 Lord Hewart of Bury, LL.D.  
 Sir Arthur Watson, LL.D.  
 Charles Belmont, Litt.D.  
 William Ernest Johnson, Litt.D.  
 Sir Frederick Gowland Hopkins, D.Sc.  
 William Barton Worthington, D.Sc.  
 Grace Owen, M.Ed.  
 The Most Rev. Cosmo Gordon Lang, Archbishop of York, D.D.  
 John George Adam, LL.D.  
 Lord Justice Sir John Eldon Banks, LL.D.  
 Sir David Young Cameron, LL.D.  
 Dame Sybil Thorndike (Mrs. Lewis Casson), LL.D.  
 Sir Thomas Herbert Warren, LL.D.  
 Sir Arthur Keith, D.Sc.  
 John Masefield, Litt.D.  
 Eugénie Strong, Litt.D.  
 1924. Sir James George Frazer, Litt.D.  
 Sir Henry Joseph Wood, Mus.D.  
 Charles Heape, M.Sc.  
 Elihu Thomson, D.Sc.  
 1925. The Duchess of Atholl, LL.D.  
 Lord Bradbury of Winsford, LL.D.  
 Ludwig Joseph Brentano, Litt.D.  
 Sir Robert Alexander Falconer, Litt.D.  
 Niels Bohr, D.Sc.  
 Sir Arthur Stanley Eddington, D.Sc.  
 1926. Walter Hamilton Moberly, Litt.D.  
 Albert Curtis Clark, Litt.D.  
 Werner Jaeger, Litt.D.  
 Alfred Chilton Pearson, Litt.D.  
 Edward Kennard Rand, Litt.D.  
 Charles Edward Mounig, Litt.D.  
 Standen Leonard Pearce, D.Sc.  
 Albert Charles Seward, D.Sc.  
 Alfred Edwin Howard Tutton, D.Sc.  
 Sir Herbert Hamilton Harty, Mus.D.  
 1927. Lord D'Abernon, LL.D.  
 Alfred Ernest Stansfield, LL.D.  
 Edwin Cannan, Litt.D.  
 John Galsworthy, Litt.D.  
 Charles Samuel Myers, D.Sc.  
 1928. Sir Alfred Morris Mond (Baron Melchett of Landford), LL.D.  
 Robert Drew Hicks, Litt.D.  
 John George Robertson, Litt.D.  
 Charles Thomson Rees Wilson, D.Sc.  
 Richard Willstätter, D.Sc.  
 1929. Rt. Hon. and Most Rev. William Temple, Archbishop of York, D.D.  
 Lord Colwyn, LL.D.  
 Major-General Sir Percy Zachariah Cox, LL.D.  
 Allan Noble Monkhouse, Litt.D.  
 Arthur Lyon Bowley, D.Sc.  
 Colonel Sir Ronald Ross, D.Sc.  
 Daniel Adamson, D.Sc.  
 Sir Henry Fowler, D.Sc.  
 Jocelyn Plunket Bushe-Fox, M.A.  
 Francis Howard Carr, D.Sc.  
 Arthur Dehon Little, D.Sc.  
 Rt. Hon. Lord Dawson of Penn, LL.D.  
 Charles Horace Mayo, LL.D.  
 William James Mayo, LL.D.  
 Charles Oliver Hawthorne, D.Sc.



## HONORARY DEGREES—continued.

1929.	Sir Ewen John Maclean, D.Sc.
1930.	Charles Gates Dawes, LL.D.
	Right Hon. Philip Snowden, LL.D.
	(Viscount Snowden of Ickernshaw)
	Sir Alfred Hopkinson, LL.D.
	Sara Margery Fry, LL.D.
	Arthur Henry Worthington, LL.D.
	Richard Henry Tawney, Litt.D.
	Edgar Sterling Cobbold, D.Sc.
	James Lorrain Smith, D.Sc.
	Arthur Smithells, D.Sc.
	Dame Ethel Mary Smyth, Mus.D.
	Henry Edwin Gaddum, M.A.
	Sir William Henry Himbury, M.A.
	William Simms, M.Sc.
1931.	Right Hon. the Earl of Derby, LL.D.
	Arthur Harden, LL.D.
	Right Hon. Sir John Allsebrook Simon, LL.D.
	Henry Guppy, Litt.D.
	Burnett Hillman Streeter, D.D.
	William Molland, M.A.
	Frederick Percy Nathan, M.A.

1931.	Alexander Brown Ritchie, M.Sc.
	Edward Fiddes, LL.D.
	Frederick Ernest Weiss, LL.D.
1932.	Sir James Hopwood Jeans, D.Sc.
	William David Ross, LL.D.
	Lord Rutherford of Nelson, LL.D.
	Sir James Arthur Salter, LL.D.
	Walter Richard Sickert, LL.D.
	Frederick William Bates, M.A.
	Joseph Lea Gleave, M.A.
	William Turner Jackson, M.A.
	Louis Stanley Jast, M.A.
1933.	Artur Schnabel, Mus.D.
	Sir John Charles Walsham Reith, LL.D.
	Edwin Francis Gay, Litt.D.
	John Linton Myres, D.Sc.
	Nathan Laski, M.A.
	Alfred Powell Wadsworth, M.A.
	Robert Henry Clayton, M.Sc.
	Irene Rosetta Ewing, M.Sc.
	Sara Annie Burstall, LL.D.
	Eileen Edna le Poer Power, Litt.D.
	Harriette Chick, D.Sc.
	Right Hon. James Ramsay MacDonald, LL.D.

## FACULTY OF ARTS.

## LITT.D.

	Date of Degree		Date of Degree
c**1 Alexander, Samuel	1924	Phillipson, Coleman, LL.D.	1910
c2 Barnett, Lionel David	1900	Ac**9 Powlicke, Frederick Maurice	1930
c**3 Chapman, Sydney John, M.Com.	1921	AcShaw, William Arthur	1899
c**4 Conway, Robert Seymour	1930	c10 Slotki, Israel Wolf	1932
c**5 Davids, Thomas William Rhys	1921	c**11 Smith, Grafton Elliot	1921
**6 Herford, Charles Harold	1921	c**12 Tait, James	1920
Ac7 Hicks, George Dawes	1904	**13 Tout, Thomas Frederick	1925
c8 Howarth, Walter, M.Ed.	1928	AcWalker, Thomas Alfred	1900
Nightingale, Benjamin	1913		

## M.A.

AcActon, Florence	1892	c**15 Anderson, William Blair	1923
cAdam, Jeanie Isabel	1927	Andrade, Mrs. See Evans, Katherine B.	
cAdams, Violet Denise		Andress, James Russell, B.Sc.	1927
(Mrs. E. Constantin)	1907	cAndrew, John Barton, B.Com.	1927
Addison, Fred	1914	cAndrews, Frank, LL.B.	1912
Agate, Leonard Dendy	1907	Angus, Laurence Mortimer	1908
cAgopian, Taqui	1922	Annan, Mrs. See Barker, Agnes	
Ainsworth, John Cooper	1908	cArmitstead, Amy	1911
Airey, Millicent	1907	cArnold, Harry Gordon	1930
Aloock, Arthur Frank	1894	Ascher, Joseph Mayor	1901
cAlcous, Alice	1917	Ashforth, Mrs. G.E. See Taplen, Mary E.	
c14 Altham, Josiah Goodacre	1906	Ashley, Frances Hughina	1913
AcAlvarez, Anthony Ralph	1892	(Mrs. Rowbotham)	
Anderson, Mrs. K.		c16 Ashton, Charles	1915
See Dibben, Margaret F.		cAshton, Florence	1931

- Formerly Professor of Philosophy in the University, now Honorary Professor; F.B.A.; O.M.
- Keeper of Oriental Printed Books and MSS., British Museum.
- Chief Economic Adviser to H.M. Government; C.B.E.; K.C.B.
- Formerly Professor of Latin and Indo-European Philology in the University; F.B.A.
- Late Professor of Comparative Religion in the University.
- Late Honorary Professor and formerly Professor of English Literature in the University.
- Professor of Moral Philosophy in University College, London
- Director of Education, Burnley
- Regius Professor of Modern History in the University of Oxford; F.B.A.
- Principal, Manchester Talmud Torah School and Hebrew Education Board
- Professor of Anatomy in the University of London (University College), F.R.S.
- Late Fellow of Pembroke College, Oxford, formerly Professor of Ancient and Medieval History in the University, now Honorary Professor; F.B.A.
- Late Professor of History and Director of Advanced Study in History in the University, and subsequently Honorary Professor; F.B.A.
- Head Master, The Grammar School, Salford.
- Hulme Professor of Latin in the University.
- Town Clerk of Derby.

\*\* Degree conferred under Charter II. (3).

M.A.—continued.

	Date of Degree		Date of Degree
Ashton, Isabel Annie ... ..	1913	cBibby, Edna ... ..	1929
Ashton, Lucy (Mrs. Arthur Redford) ...	1920	Biggins, Charles, B.D. ... ..	1925
cAshton, Martha (Mrs. Herbert Blane) ...	1910	cBugs, Winifred ... ..	1917
cAshton, Thomas Southcliffe ... ..	1910	Billings, Mrs. F. C. ... ..	
Ashworth, Frank ... ..	1914	See Whiteley, Margaret	
cAshworth, Margaret Matilda ... ..	1925	Binns, Alfred ... ..	1910
cAspinall, Arthur, Ph.D. ... ..	1922	Bird, Robert Tate ... ..	1897
Attherton, Clara (Mrs F. W. Wilson) ...	1912	acBirkby, John Gay ... ..	1904
Atkins, Mrs. T. R. See Walker, Ida K.		cBirtwell, Elizabeth Winifred (Mrs E. A. Royle) ... ..	1916
acAtkinson, Bernard Norman ... ..	1890	cBirtwell, Mary de Hoghton (Mrs R. Y. Hedges) ... ..	1926
*rAtkinson, Donald ... ..	1928	cBithell, Jethro ... ..	1903
cAuty, Pattie Eastham ... ..	1909	cBlackstock, Kate ... ..	1902
cAxon, Helen ... ..	1925	Blake, Mrs. Robert	
cAyres, Winifred (Mrs. A. B. Muncaster)	1915	See Herford, Caroline	
Backhouse, Thomas ... ..	1914	cBlakeley, May ... ..	1917
Bailey, Ethel ... ..	1910	Blane, Mrs. Herbert See Ashton, Martha	
cBaillie, Andrew Welcome, B.D. ... ..	1924	Beakley, Maggie ... ..	1910
ABainton, James Herbert ... ..	1891	Blinkhorn, Mrs. S.	
Baker, Arthur Harry ... ..	1906	See Bullough, Florence	
cBaldwin, Gordon ... ..	1931	Boddington, James Edward ... ..	1913
Bali, Mrs. See Shephard, Ruth M.		cBoodle, Eva Margaret (Mrs. Dalton) ...	1917
Ballantyne, Mrs.		ABoon, Mabel Emma ... ..	1903
See Macalister, Margaret W.		cBooth, Constance Amelia ... ..	1921
Bamber, Edith (Mrs. F. Jones) ... ..	1914	cBooth, William Sykes ... ..	1925
ABancroft, Alfred Ernest, M.Sc. ... ..	1912	Borland, Hugh Becket ... ..	1910
cBarber, John ... ..	1922	ABoss, Elizabeth Wilson ... ..	1901
Barber, Mabel Mary (Mrs. E. N. Davenport) ... ..	1909	cBottomley, Harold ... ..	1931
Barker, Agnes (Mrs. Annan) ... ..	1907	ABottomley, Leonard, LL.B. ... ..	1895
Barker, Mrs. H. J.		†Boulton, Harry ... ..	1909
See Bradley, Constance V.		cBourdillon, Anne Francis Claudine ...	1925
Barker, Robert Bearcroft ... ..	1912	Bourne, Gertrude ... ..	1901
*Barker, William Henry ... ..	1929	cBowden, James Philip ... ..	1923
cBarlow, Winifred ... ..	1916	cBowden, Marjorie Moreland (Mrs J. P. Bowden; graduated B.A. as Sanson) ... ..	1923
3Barnes, Frederic Richard ... ..	1912	Bowe, Eleanor Mary ... ..	1913
cBasford, Kathleen Enid ... ..	1925	cBowen, David Edgar, B.D. ... ..	1913
acBass, James Mason ... ..	1900	ABower, Frank ... ..	1903
ABatson, Thomas ... ..	1897	ABowman, Joseph Walter ... ..	1890
Bauerkeller, Dora Theresa Jessie ... ..	1908	acBowtell, Thomas Henry ... ..	1903
Baxter, Lilian Harris (Mrs. Williams) ..	1914	cBracewell, Clifford Coates ... ..	1923
cBayley, Charles Calvert ... ..	1929	Bradburn, William ... ..	1914
Beach, Mrs. E. See Shallcross, Lucy E.		Bradbury, Mrs. See James, Ellen C.	
Beales, Hugh Lancelot ... ..	1913	cBradley, Annie (Mrs. John Shaw) ...	1920
Beales, Mrs. H. L.		cBradley, Constance Victoria (Mrs. H. J. Barker) ... ..	1921
See Prydderch, Gladys M.		cBradley, Elizabeth Madeline, M.Ed., B.Com ... ..	1915
5Bearn, Edward Gordon ... ..	1908	ac10Bradley, Francis Ernest, LL.B., M.Com	1912
6Beaton, Henry Albert ... ..	1910	Bradley, Mrs. W. A. See Jones, Mabel	
c7Beaumont, Fanny Constance ... ..	1893	cBrady, Helen ... ..	1927
cBeddow, Elsie Gwynne ... ..	1917	cBrady, Richard Peter, B.Sc. ... ..	1933
Beldow, John Frederick Heber ... ..	1912	cBraithwaite, Ethel ... ..	1915
*Bedford, Robert Harold ... ..	1917	Braunholtz, Mrs. G. E. K.	
cBedson, Muriel Alice (Mrs. R. E. Slade)	1909	See Herford, Mary A. B.	
Beer, Mrs. E.		Brew, Louise Constance ... ..	1903
See Veer, Margrieta van der		cBriggs, Helen Mary ... ..	1925
Bell, Arthur Edwin ... ..	1913	Briscoe, Mabel ... ..	1914
cBell, Minnie Josephine (Mrs. L. M. Price)	1909	cBristow, Ernest ... ..	1926
Bengry, Percy Harold ... ..	1909	cBristow, Ida ... ..	1916
Bennett, Walter ... ..	1910	c11Brittain, Dorothy ... ..	1926
Benson, Mary, B.Sc. ... ..	1911	cBroadbent, Edith (Mrs. G. F. Higham)	1918
Bent, Nancy Howarth ... ..	1909		
cBentley, Norman Priestley ... ..	1929		
cBett, Henry ... ..	1922		
Bewley, Mrs. A. See Livsey, Hilda			

- 1 Professor of Ancient History in the University.
- 2 Head Master, Dowdales Central School, Dalton-in-Furness.
- 3 Head Master, Barrow-in-Furness Municipal Secondary School for Boys; C.B.E.
- 4 Late Director of Education, Waterloo-with-Seaforth.
- 5 Chief Inspector, National Health Insurance.
- 6 Head Master, Thornton Grammar School, Bradford.
- 7 Head Mistress, South Liverpool School for Girls.
- 8 Head Mistress, Bede Collegiate School, Sunderland.
- 9 Head Master, Sir William Borlase's School, Marlow, Bucks.
- 10 County Court Judge on the Blackburn and Preston Circuit; F.R.S.E.
- 11 Warden of King's College Hostel for Women, University of London.

\* Mentioned in Despatches.

† Awarded M.M.

\*\* Degree conferred under Charter II. (3).

M.A.—continued.	Date of Degree	Date of Degree	
cBroadbent, Ellinor Lucy ... ..	1898	c**6Canney, Maurice Arthur ... ..	1923
Broadbent, John ... ..	1908	Cant, Mrs. F. V. See Cooper, Gladys M	
Brockless, Mrs. See Hargreaves, Marion C.		**7Capper, Stewart Herbert ... ..	1905
1 Brodie, Elizabeth Janet ... ..	1910	cCardwell, Henry, LL.B. ... ..	1911
2 Bromley, Harry, B.Sc. ... ..	1910	Carlton, Mrs. See Eastwood, Dorothy	
Brooks, Alice Proctor (Mrs. T. S. Carr)	1915	cCarr, Charles Telford ... ..	1926
cBrooks, Susan Dorothy ... ..	1921	cCarr, Hilda (Mrs. A. G. Walker) ...	1915
cBroome, Dorothy Mary, Ph.D. ...	1920	Carr, Mrs. T. S. See Brooks, Alice P.	
Brough, Ethel (Mrs. Davies) ... ..	1914	Carroll, Mrs. A. L. See Rogers, Harriet C.	
Brown, Charles Herbert ... ..	1906	cCarroll, Bridget Gertrude ... ..	1932
cBrown, Edith ... ..	1915	AcChadderton, Anna Leigh (Mrs. C. Davidson)	
cBrown, Minnie (Mrs. Thomas Brown)	1898	Chadwick, Mary Ellen (Mrs. Taberner)	1900
Brown, Mrs. Thomas See Brown, Minnie		Chaffers, Helen Louise ... ..	1910
Brown, Tom, B.Sc. ... ..	1912	c**8Chaffers, Sydney ... ..	1905
Browne, Edgar Gordon ... ..	1898	AcChapman, Charles ... ..	1900
cBrowne, Theresa Margaret (Mrs. M. T. Smiley)	1913	cChapman, Samuel, Mus.B. ... ..	1924
AcBroxap, Ernest ... ..	1903	c**9Charlton, Henry Buckley ... ..	1923
AcBroxap, Henry ... ..	1910	Charnley, Joseph ... ..	1908
cBroxap, Mary Ethelwynne ... ..	1925	Charnock, Mrs. F. S. See Dixey, Gladys N.	
cBrunner, Christopher Tatham ...	1924	cChild, Myrtle ... ..	1916
cBrunskill, Lizzie ... ..	1915	cChinassi, Rassim, B.Com. ... ..	1919
Bryant, Elsie Isabella Victoria (Mrs. S. Sidley)	1910	AcChisholm, Alice Thornley ... ..	1911
1 Bryson, Ada ... ..	1897	cCiceni, Maria Johanna ... ..	1915
Buckley, Alfred ... ..	1899	cClark, Ada Margaret ... ..	1911
cBuckley, Annie ... ..	1927	cClark, Annie Moon ... ..	1902
c*Buckley, Henry ... ..	1923	croClark, Matthew, B.Com. ... ..	1917
Buckley, Mrs. Jack. See Newell, Edith C.		Clarke, John Welham ... ..	1913
Buckley, John Anthony ... ..	1907	Clarkson, Jessie Dewrance (Mrs. A. R. Skemp)	1906
1 Bullough, Florence (Mrs. S. Blinkhorn)	1919	Clarkson, Leonard ... ..	1908
c3 Bullough, Geoffrey ... ..	1924	Classen, Ernest ... ..	1907
Bullough, Mrs. G. See Wall, Doris M.		cClayton, Allan ... ..	1930
AcBurgess, Walter Herbert ... ..	1920	cClayton, Mary (Mrs. Ernest Dean) ...	1909
Burn, Irene (Mrs. Wilkins) ... ..	1900	Cleasby, Mabel ... ..	1899
4 Burn, Mary ... ..	1901	cCleaton, John Critchley, M.Ed. ...	1916
cBurrows, Robert Allanson, Junior, B.D.	1917	Clemens, Godfrey Jackson ... ..	1902
Bury, James Henry ... ..	1913	Clements, Mrs. L. See Manton, Emma	
cBushrod, Walter Thomas ... ..	1924	Clemesha, Henry Wordsworth ... ..	1896
Butterworth, Dorothy Graduated as Westbrook		cClift, Annie Louisa (Mrs. H. W. Starkey)	1916
cButterworth, Harold ... ..	1917	cCoates, Gilbert ... ..	1911
AcBygott, Eliza ... ..	1901	Coatman, Mrs. J. See Pitt, Theodora	
Byrne, Alice Margaret Priscilla ...	1911	cCohen, Sarah ... ..	1929
cByrne, Thomas William ... ..	1932	cCollier, Dorothy Vaudrey ... ..	1916
Bywater, Gertrude ... ..	1906	cCollier, Frances ... ..	1921
cCaiger, Maurice ... ..	1922	Colligan, James Hay ... ..	1911
c**5Calder, William Moir ... ..	1923	Constantin, Mrs. E. See Adams, Violet D.	
Caldicott, Mrs. C. B. See Ward, Nora		cConway, Eric Hugh Wiseman ... ..	1919
cCallow, Haydn Wilberforce, B.D. ...	1924	cCook, Francis Swinnerton ... ..	1915
Cammack, Harry ... ..	1911	AcCooke, Alice Margaret ... ..	1893
Campbell, Mrs. A. C. Cooke, Arthur William ... ..		Cooke, Mrs. A. C. ... ..	1886
See Ormerod, Elizabeth		See Wilkinson, Pattie E.	
cCampbell, Robert John ... ..	1921	ACooling, Percy John ... ..	1903
Candler, Mrs. A. H. Cooper, Gladys May (Mrs. F. V. Cant)		cCooper, James Sidmouth ... ..	1903
See Worswick, Dorice E.		Cooper, Marjorie (Mrs. S. E. Maltby) ...	1907
cCane, William Arthur ... ..	1923		

- 1 Head Mistress, Elmslie Girls' School, Blackpool.
- 2 Head Master, Queen Elizabeth's Grammar School, Middleton, Lancs.
- 3 Professor of English Literature in the University of Sheffield.
- 4 Head Mistress, Girls' County School, Maidenhead.
- 5 Professor of Greek in the University of Edinburgh.
- 6 Professor of Semitic Languages and Literatures in the University
- 7 Late Professor of Architecture in the University.
- 8 Formerly Bursar of the University
- 9 Professor of English Literature in the University.
- 10 Principal, City School of Commerce, Burslem, Stoke-on-Trent.

\* Awarded M.C.

\*\* Degree conferred under Charter II. (3).

M.A.—continued.	Date of Degree	Date of Degree
cCooper, Ruth Constance (Mrs. E. S. Littlejohn)	1917	
Coopland, George William	1901	
*cCopping, Walter Arthur	1903	
caCordingley, Reginald Annandale	1926	
cCormack, Wilfrid Howard	1910	
Cotes, Esther Tydfil (Mrs. Cotes; graduated B.A. as Thomas)	1919	
Cotton, Mrs. See Harling, Gladys M.		
cCourt, Dorothy	1916	
aCousins, William Phillips	1906	
acCoutts, John William	1897	
Coward, Mrs. H. F. See Matthias, Sarah		
Cowley, Mrs. R. G.		
See Warrington, Ida M.		
Cox, Mrs. G. L. See Howarth, Sarah M.		
Craig, Robina Young	1911	
Craine, David	1904	
cCrankshaw, Elsie	1916	
Craven, Frederick Harold	1909	
Crawford, Mrs. D. McF.		
See Turner, Winifred		
cCrewe, Margery (Mrs. A. Moodie)	1916	
Creyke, Dorothy Hilda	1914	
Critchley, Frederick	1912	
acCrompton, Alice	1893	
cCrompton, Elsie Maude (Mrs. Eastwood)	1917	
*cCrompton, Winifred Mary	1921	
cCrook, Robert Waddington, B.D.	1915	
cCrosland, Esther (Mrs. Watson)	1908	
Cross, Leopold Harold	1909	
cCrossley, Annie	1928	
*cCrump, Phyllis Eirene	1926	
cCurtis, Margaret	1912	
Cutler, George Henry	1911	
cDale, Janet Margaret	1922	
Dalton, Lucy	1914	
Dalton, Mrs. See Boodie, Eva M.		
cDance, Edward Herbert	1917	
dDaniels, George William, M.Com.	1912	
Darbyshire, John	1924	
cDarbyshire, John Allan	1923	
Davenport, Mrs. E. N.		
See Barber, Mabel M.		
cDavey, Constance Mary	1927	
Davidson, Mrs. C.		
See Chadderton, Anna L.		
Davis, Sydney John	1914	
cDavies, Carey Marshman Ward	1922	
cDavies, Dorothy Llewella	1916	
Davies, Mrs. See Brough, Ethel		
Davies, Mrs. G. A. See Williams, Irene F.		
Davies, Mrs. H. See Quinn, Gertrude		
*cDavis, Henry William Carless	1923	
cDavis, Jessie Sara (Mrs. I. L. Kandel)	1915	
Davis, William Hathaway	1912	
aDawson, Shepherd	1904	
cDeakin, Mary Hannah	1909	
Dean, Mrs. Ernest. See Clayton, Mary		
aDean, Gertrude Augusta M.Sc.		
(Mrs. A. A. Mellor)	1902	
cDeanesly, Margaret	1915	
Dearnaley, Harold	1911	
cDeeley, Annie Prichard	1927	
cDeighton, Thomas, B.Sc.	1921	
7Denby, Maurice	1906	
8Dewe, Joseph Adalbert	1906	
acgDewsnup, Ernest Ritson	1900	
cDibben, Margaret Fanny		
(Mrs. R. Anderson)	1916	
c**10Dickie, Archibald Campbell	1913	
cDickin, Margaret	1905	
Dixey, Gladys Niven		
(Mrs. F. S. Charnock)	1911	
cDobson, Margaret Anne	1909	
*cDodd, Catherine Isabel	1905	
acDodge, Eva	1904	
cDodgson, Sarah Alice		
(Mrs. Walter Jones)	1907	
a11Doman, Norah May	1898	
cDonohue, Elsie Margarer	1917	
cDownson, Dorothy (Mrs. Hyslop)	1922	
Draycott, Ernest Charles	1911	
Duddle, William Kearsley	1912	
Duffin, Henry Charles	1907	
acDunlop, Robert	1885	
Dykes, Jessie	1903	
cDymond, Mary Frances, B.Com.	1914	
a12Dyson, Taylor	1909	
cEarnshaw, John	1923	
Barp, Mrs., J.P. See Wilde, May		
Eastwood, Dorothy (Mrs. Carlton)	1910	
Eastwood, Mrs. See Crompton, Elsie M.		
cEaton, Richard Stanley	1930	
cEckersley, Charles Ewart	1916	
cEedes, Eric Smoothy	1931	
13Edge, Richard Robert	1908	
aEdminson, Frederick John	1886	
cEdmondson, Barbara Lucy	1922	
c14Edwards, John Goronwy	1915	
Edwards, Joseph	1916	
Edwards, Sarah	1908	
15**Edwards, Wilfred Bythell	1928	
cEker, Julius	1930	
cEker, Solomon Jacob	1920	
cElcock, William Dennis	1933	
Elias, Grace Dorothy	1905	
Elias, Mrs. See Morice, Edith L.		
c16Elliott, Ethel Mary Linder	1906	
acElliott, Mabel Alice	1903	
Elliott, Spencer Hayward	1906	

- 1 Late Professor of Law in the University.
  - 2 Awarded Prix de Rome; Professor of Architecture in the University
  - 3 Adviser to Women Students in the University.
  - 4 Head Mistress, County School for Girls, Windsor.
  - 5 Stanley Jevons Professor of Political Economy and Cobden Lecturer in the University.
  - 6 Late Regius Professor of Modern History in the University of Oxford; F.B.A.
  - 7 Head Master, Grange High School for Boys, Bradford.
  - 8 Professor of History in the Duquesne University, Pittsburg.
  - 9 Professor of Commerce in the University of Liverpool.
  - 10 Formerly Professor of Architecture in the University.
  - 11 Head Mistress, St. Winifred's School, Llanfairfechan.
  - 12 Head Master, Almondbury Grammar School, Huddersfield.
  - 13 Head Master, Leigh Grammar School.
  - 14 Fellow and Tutor of Jesus College, Oxford.
  - 15 Master of Armstrong College School of Architecture, Newcastle-upon-Tyne.
  - 16 Head Mistress, Church High School, Hull.
- \*\* Degree conferred under Charter II. (3).

M.A.—continued.	Date of Degree	Date of Degree	
cElliott, Thomas Charles ... ..	1915	cGibson, Ralph Siward ... ..	1930
Elliott, William, B.Com. ... ..	1905	Gibson, Robert Edward ... ..	1914
cEllis, Llewellyn Robert... ..	1915	cGibson, Sydney Jackson Thornely ... ..	1921
cEllis, Mary Ann ... ..	1915	Gilbert, Leslie Howard... ..	1914
acEllis, Mary Catherine ... ..	1896	Gill, Annie Wylie ... ..	1910
cEltoft, Hilton Clayton Robinson ... ..	1927	Glasgow, Edwin ... ..	1898
Emerson, Gladys Mary ... ..	1911	cGlass, Winifrid ... ..	1916
caEmmett, Eric, LL.B. ... ..	1921	Gleaves, Mrs. See Whitehead, Florence	
c**England, Edwin Bourdieu ... ..	1893	*Glover, George Wright ... ..	1913
cEpstein, Mordecai ... ..	1905	cGoddard, Florence Amelia ... ..	1919
cEvans, Dorothy ... ..	1916	cGoldstraw, Harry ... ..	1931
cEvans, Florence May Greir, Ph.D. (Mrs. C. S. S. Higham) ... ..	1919	acGolland, Arthur ... ..	1903
Evans, Gwladys (Mrs. W. A. Powicke) ... ..	1907	cGoodall, George ... ..	1925
Evans, Katherine Barbara (Mrs. E. N. da C. Andrade) ... ..	1912	Goodall, Mrs. George. See Roscoe, Florence	
cEvans, Lynette Gwynne ... ..	1928	cGoodison, Constance Margaret ... ..	1917
cEvans, Phyllis Louise ... ..	1923	aGorst, Isabel Grant ... ..	1914
cEwart, Edith Margaret ... ..	1894	cGorton, Priscilla Grafton (Mrs. R. H. Thoulless) ... ..	1921
cFairhurst, Philip Garland ... ..	1924	Goudie, Grace (Mrs. Ramsbottom) ... ..	1909
Fairhurst, Susie Sutherland (Mrs. Nathan Isaacs; Graduated D.Sc. as Susan Isaacs) ... ..	1913	cGraham, Edward Harrison ... ..	1930
acFaraday, Ethel Richmond ... ..	1898	Graham, Elizabeth ... ..	1910
acFaraday, Lucy Winifred ... ..	1900	Graham, Joseph William ... ..	1906
c3Farbridge, Maurice Harry ... ..	1915	cGraham, Kilmeny ... ..	1925
4Farmer, Albert John ... ..	1919	cGraham, Oliver ... ..	1928
<i>Farrimond, Joseph</i> ... ..	1907	Graham, Mrs. See Penney, Elizabeth	
cFarrow, Betsy (Mrs. Sykes) ... ..	1917	cGrant, Florence Seafeld, B.Sc. (Mrs. Grimshaw) ... ..	1918
Farrow, Maud... ..	1916	Greaves, Dorothy ... ..	1912
cFarrow, William John ... ..	1925	Green, Amy Faith ... ..	1909
Fawell, George Scott ... ..	1911	Green, Ellen ... ..	1907
Featherstone, Mrs. See Holmes, Mabel G.		Green, Mrs. J. A. See Tennant, Camila D.	
cFelix, John Wesley ... ..	1918	Green, Mrs. J. A. See Johnston, Adeliza N.	
cFell, Thomas Isaac ... ..	1905	Greenhalgh, Amy (Mrs. George Jessel) ... ..	1909
Ferguson, Charles Baldwin ... ..	1899	<i>Greenhalgh, James Arthur</i> ... ..	1912
c**Fiddes, Edward ... ..	1905	cGreenwood, Gertrude King ... ..	1919
cFidler, Marjorie ... ..	1928	cGregory, Alys Lydia, Ph.D. ... ..	1927
cFielding, Amelia Mather ( <i>née</i> Langton) ... ..	1915	cGregory, Maud ... ..	1912
cFielding, William Richard, M.Sc., M.Ed. ... ..	1909	cGregory, Maurice Vincent, M.Ed. ... ..	1921
cFinlayson, Elizabeth Rankine (Mrs. W. W. Ogden) ... ..	1912	cGribbin, Thomas Mangnall ... ..	1924
cFisch, Solomon ... ..	1933	cGriffiths, Annie Felicia ... ..	1913
Fish, Thomas Arnold ... ..	1905	cGrime, Arthur ... ..	1925
Fleming, Margaret Rosalind (Mrs. J. J. Harwood) ... ..	1913	<i>Grimshaw, Harold Shrieves</i> ... ..	1913
cFogg, Walter ... ..	1928	Grimshaw, Mrs. See Grant, Florence S.	
Foster, David Charles, B.Sc. ... ..	1919	Groombridge, Mrs. See Partington, Winifred	
cFoster, Elsie (Mrs. Herbert Moss) ... ..	1916	Gschwind, Henri François Enile ... ..	1909
cFothergill, Robert Ainslie ... ..	1932	Guest, Peter Healey, B.Sc. ... ..	1913
c6Friedlander, Moses, Ph.D. ... ..	1930	Gwyther, John Richard ... ..	1911
cFrith, Harold Ingram, B.D. ... ..	1924	Haden, Mrs. G. N. See Mudie, Phyllis J.	
cFyffe, Margaret Just ( <i>née</i> Hewitt) ... ..	1916	cHadfield, Benjamin ... ..	1902
acGauble, Herbert ... ..	1895	<i>Hague, John Cecil</i> ... ..	1907
Gardner, Evelyn ... ..	1914	c8Haigh, Alice ... ..	1912
Gardner, Lucy ... ..	1925	cHaigh, Ethelwyn (Mrs. Pattinson) ... ..	1916
Gatley, Andrew Oswald ... ..	1910	Haine, Mrs. D. See Roberts, Daisy	
cGatley, Geoffrey Higson ... ..	1925	cHale, James ... ..	1903
George, Ralph Leonard ... ..	1912	cHale, William Ramsay ... ..	1897
Gerrard, Henry ... ..	1911	aHall, Alfred ... ..	1900
7Gibbs, George Reginald, B.Sc. ... ..	1914	Hall, Annie (Mrs. R. C. H. Hart) ... ..	1909
cGibbs, Mildred Eleanor... ..	1928	Hall, Fred, B.Com. ... ..	1910
		Hall, Harold Arthur, B.Com. ... ..	1913
		cHall, Lydia (Mrs. A. F. Spencer) ... ..	1915

1 Head Master, Sidcot Friends' School, Winscombe, Somerset.

2 Professor of Law in the University of Capetown.

3 Professor of Religion in the State University of Iowa, U.S.A.

4 Professor of English in the University of Grenoble.

5 Formerly Senior Pro-Vice-Chancellor, and later Ward Professor of History in the University.

6 Head Master, Glasgow Talmud Torah Schools, and Vice-Principal of the Hebrew College, Glasgow.

7 Head Master, Royal Orphanage School, Wolverhampton.

8 Head Mistress, Channing House School, Highgate.

\* Awarded D.S.O.

\*\* Degree conferred under Charter II. (3).

M.A.—continued.

	Date of Degree
cHall, Margaret Alice ... ..	1915
ac2Hall, Mary Elizabeth ... ..	1903
acHall, William Charles ... ..	1897
cHallas, Mary ... ..	1917
cHalliday, Francis William ... ..	1914
cHalliwell, Annie ... ..	1933
c3Hallsorth, Harry Mainwaring, B.Sc.	1909
c4Hampson, John Leslie ... ..	1914
cHancock, Elsie ... ..	1920
cHandley, Christina (Mrs. C. W. Moat)	1895
Hanna, Norah ... ..	1908
cHappold, Annie Margaret Maud (Mrs. F. C. Happold; graduated B.A. as Annie M. M. Smith)	1929
cHardaker, Dorothy (Mrs. H. T. Rayner) ... ..	1917
cHarding, William Eric, B.D. ... ..	1932
<i>Hardisty, Mrs. IV. H.</i> See Woodcock, Ada W.	
cHardman, Edith ... ..	1930
cHargreaves, Dorothy (Mrs. G. S. Ranshaw)	1926
Hargreaves, Marion Campbell (Mrs. Brockless)	1907
cHarling, Gladys Mary (Mrs. Cotton) ...	1917
Harriman, Frederick George ... ..	1908
Harris, William Evelyn Arnold ... ..	1911
Harrison, Mrs. Alfred See Stringer, Lena M.	
cHarrison, Elizabeth ... ..	1906
Harrison, Frank Ashton ... ..	1914
cHarrison, Harold ... ..	1915
ΔHarsley, Fred ... ..	1888
Hart, Mrs. R. C. H. See Hall, Annie	
cHartley, Harold ... ..	1900
ΔHartley, Mary Hannah Arundel ... ..	1912
cHartley, Nora Frances (Mrs. H. S. Thomas)	1916
c5Hartog, Philip Joseph, B.Sc. ... ..	1908
Harvey, Amy Cecilia ... ..	1910
Harwood, Mrs. J. J. See Fleming, Margaret R.	
cHaworidge, Marion ... ..	1906
cHawes, Gordon Kusel, B.D. ... ..	1931
Haworth, Mrs. Alfred See MacGowan, Elizabeth A.	
acHaworth, Frank Abraham ... ..	1899
Haworth, Peter ... ..	1914
cHaycocks, Norman ... ..	1929
Haythornthwaite, William Maudsley ...	1913
Hayward, George ... ..	1907
Heal, Lyndhurst William ... ..	1906
cHeap, Philip ... ..	1916
acHecht, Charles Edward ... ..	1889
Hedges, Mrs. R. V. See Birtwell, Mary de H.	
cHedley, Robert Moore ... ..	1922
cHenderson, Catherine Helen (Mrs. W. L. Marsland)	1917
Hepworth, Frank ... ..	1906
c**Herford, Caroline (Mrs. Robert Blake)	1914
cHerford, Mary Antonie Beatrice (Mrs. G. E. K. Braunholtz)	1913

	Date of Degree
cHerford, Theodore (now Theodore Welby Herford)	1914
Hewitt, Annie Paxton ... ..	1906
Hewitt, Margaret J. Graduated as Pyffe	
Higginbottom, Winifred Hannah ... ..	1913
Higham, Mrs. C. S. S. See Evans, Florence M. G.	
Higham, Mrs. G. F. See Broadbent, Edith	
Hignett, John ... ..	1897
Hilton, Nellie (Mrs. C. Hunter) ... ..	1908
cHilton, Walter Graham (graduated B.A. as Walter Hilton)	1929
cHindshaw, Florence Pye (Mrs. F. B. Kirk)	1921
acHindshaw, Winifred, M.Ed. ... ..	1909
Hirst, Frank Melvern, B.D. ... ..	1913
cHitchens, Alice Constance ... ..	1927
cHodgkiss, Frank Dean ... ..	1931
cHodgson, Charles Edward ... ..	1903
c**Hogg, Mary Elizabeth ... ..	1916
Holden, Mrs. E. H. See Ormrod, Harriet N.	
cHolden, Kathleen Haworth ... ..	1929
Holdsworth, John Francis ... ..	1906
cHolland, Millicent ... ..	1926
ac6Holland, Robert Wolstenholme, M.Sc., LL.D.	1909
cHollas, Henry ... ..	1933
cHollings, Evangeline ... ..	1910
acHolme, Ursula (Mrs. H. W. Jeans) ...	1899
cHolmes, Mabel Gertrude (Mrs Featherstone)	1914
cHolmes, Margaret Jane ... ..	1912
cHolmes, Wilfrid, B.Com. ... ..	1910
Holt, Charles Louis John ... ..	1903
Holt, Francis Kingsley ... ..	1910
cHolby, Edward Barlow, B.D. ... ..	1916
cHoneyman, Percy AllanWhoriton, M.Sc.	1922
acHooper, Alfred ... ..	1902
Hooper, Helen Marion ... ..	1906
cHopkinson, Amy ... ..	1915
cHornby, Ethel ... ..	1913
Hornby, George Goodall ... ..	1900
c7Horrocks, Adelaide ... ..	1908
cHorrocks, Bessie ... ..	1917
Horsfall, Francis Rodgers ... ..	1902
Horton, Paul Frederick ... ..	1910
Horton, Phyllis Brock ... ..	1914
cHoughton, Sidney Maurice ... ..	1924
cHout, Walter Brook ... ..	1897
<i>Howell, Mark</i> ... ..	1910
cHoward, Leuan ... ..	1932
cHoward, Wilbert Francis ... ..	1915
Howarth, James Henry ... ..	1914
cHowarth, Sarah Marguerita (Mrs. G. L. Cox)	1914
*Howcroft, Gilbert Burdett ... ..	1914
8Howells, Ethel Nora ... ..	1911
aHowes, Ernest Walter ... ..	1903
gHowson, John Lamb ... ..	1907
cHoyle, Margery Louise ... ..	1928
cHoyle, William Frank ... ..	1913

1 Head Mistress, South Park Municipal High School, Lincoln.

2 Head Mistress, High School for Girls, Loughton, Essex.

3 Professor of Political Economy, Armstrong College, Newcastle-on-Tyne (University of Durham).

4 Head Master, The Grammar School, Castleford, W. Yorks.

5 Formerly Vice-Chancellor of the University of Dacca, Bengal, India; K.B.E.

6 Principal of Pitman's Schools, Southampton Row, London, W.C.1.; O.B.E.

7 Head Mistress, Stretford County School for Girls.

8 Head Mistress, Birkenhead Secondary School for Girls.

9 Head Master, Bicester County School.

\* Awarded M.C.

\*\* Degree conferred under Charter II. (3).

M.A.—continued.	Date of Degree	Date of Degree
Hudson, Mrs. F. L. <i>See</i> Wright, Enid		
cHudson, James Hindle ... ..	1906	
cHughes, Edward ... ..	1923	
<i>Humphries, Cyril Antliff, B.D.</i> ... ..	1921	
<i>Hunsworth, Herbert</i> ... ..	1907	
cHunt, William Kenyon ... ..	1924	
<i>Hunter, Mrs. C. See Hilton, Nellie</i>		
Hunter, Ernest Logan ... ..	1902	
cHunter, May Milligan ... ..	1916	
Hurst, Edgar James ... ..	1911	
Hurst, William Thomas ... ..	1910	
acHutton, Joseph Edmund ... ..	1895	
Hyman, Mrs. <i>See</i> Robinson, Fanny		
cHyslop, Albert ... ..	1924	
cHyslop, Fred ... ..	1923	
Hyslop, Mrs. <i>See</i> Dowson, Dorothy		
cImlach, Cedric Macgregor ... ..	1926	
Ingham, Amy (Mrs. North) ... ..	1907	
Ingham, Harry Lionel, B.D. ... ..	1911	
Inman, Mrs. D. S. <i>See</i> Wormell, Lucy E.		
cIsaac, Edith Mary ... ..	1912	
Isaacs, Mrs. Nathan		
<i>See Fairhurst, Susie S.</i>		
Isherwood, John William ... ..	1896	
<i>Jackson, Ernest</i> ... ..	1911	
Jackson, Isaac ... ..	1910	
Jackson, Samuel Francis ... ..	1914	
cJackson, Stanley Herbert, Ph.D. ... ..	1915	
c**2 Jacob, Ernest Fraser ... ..	1933	
Jacobs, Mrs. Cecil. <i>See</i> Jacobs, Judith		
cJacobs, Judith (Mrs. Cecil Jacobs) ... ..	1916	
cJacobs, Leah ... ..	1921	
cJames, Ellen Capewell (Mrs. Bradbury)	1917	
James, John Courtenay ... ..	1913	
James, Joseph Henry, LL.B. ... ..	1899	
James, Thomas Theophilus ... ..	1903	
Jenns, Mrs. H. W. <i>See</i> Holme, Ursula		
aJenkins, Gwilym Moses ... ..	1912	
cJenkins, Myfanwy Witton ... ..	1921	
Jenkins, Ruth Hope ... ..	1908	
Jessel, Mrs. G. <i>See</i> Greenhalgh, Amy		
Joad, Mrs. C. E. M. <i>See</i> White, Mary I.		
cJob, Ethel Hope ... ..	1933	
c**3 Johansson, Arwid ... ..	1905	
cJohns, David Sydney ... ..	1926	
aJohnston, Adeliza Norman		
(Mrs. J. A. Green)	1901	
acJohnstone, Edith (Mrs. J. A. Purves)	1892	
c4Johnstone, Hilda ... ..	1906	
acJohnstone, Mary (Mrs. T. F. Tout)	1898	
Jollie, Katherine ... ..	1908	
Jones, Annie Beatrice ... ..	1900	
Jones, Arthur ... ..	1906	
cJones, Arthur Langford ... ..	1914	
cJones, Dorothy (Mrs. Maddrell) ... ..	1915	
Jones, Mrs. E. D. <i>See</i> McInnes, Jean R.		
Jones, Mrs. F. <i>See</i> Bamber, Edith		
cJones, George Randall, B.D. ... ..	1919	
Jones, Gertrude Hilda ... ..	1905	
cJones, Henry Leonard, M.Ed. ... ..	1924	
acJones, John Daniel ... ..	1889	
cJones, Mabel (Mrs. W. A. Bradley) ... ..	1917	
5Jones, Robert Edwin ... ..	1906	
aJones, Thomas Maitland, B.Sc.		
( <i>now</i> Thomas Gwynne Maitland)	1901	
Jones, Mrs. Walter.		
<i>See</i> Dodgson, Sarah A.		
<i>Jones, William Orlando</i> ... ..	1914	
Jordan, Mrs. F. W. <i>See</i> Whil, Gertrude		
cJudson, Wilfred ... ..	1924	
6Kandel, Isaac Leon ... ..	1906	
Kandel, Mrs. I. L. <i>See</i> Davis, Jessie S.		
acKarfoot, Alice Marion ... ..	1902	
**7Kastner, Joseph-Guillaume-Victor ... ..	1905	
**8Kastner, Léon Emile ... ..	1923	
c9Kay, Harold ... ..	1914	
cKaye, William Ewart ... ..	1921	
Kean, Martin. <i>See</i> Kraus, Martin		
aKeegan, John ... ..	1903	
Kellett, Mrs. <i>See</i> Laidler, Josephine		
<i>Kelly, Charles, B.D.</i> ... ..	1920	
cKenadjian, Ena Berjoubi ... ..	1929	
Kenworthy, Frederick, B.D. ... ..	1929	
cKenyon, Emily Mary ... ..	1928	
cKerr, Madeline ... ..	1931	
cKerr, Mary Anne Joseph Philomena ... ..	1924	
cKeyte, John Charles ... ..	1906	
aKidd, Arthur Stanley ... ..	1895	
King, Mrs. L. A. L.		
<i>See</i> Titterton, Emma E.		
cKinsey, Elizabeth Anne Warren ... ..	1927	
<i>Kinsey, Walter Warren</i> ... ..	1927	
Kirk, Mrs. F. B.		
<i>See</i> Hindshaw, Florence P.		
cKlein, Lilian ... ..	1915	
Knight, Mrs. <i>See</i> Wragg, Janet M.		
croKnock, Douglas ... ..	1906	
*Knott, Mrs. C. W. <i>See</i> Paull, Margaret C.		
*Knott, Roger Birkbeck, LL.B. ... ..	1909	
acKnowles, Henry ... ..	1907	
Kraus, Martin ( <i>now</i> Martin Kean) ... ..	1906	
aLacey, Walter Roland ... ..	1895	
acLaidler, Josephine (Mrs. Kellett) ... ..	1903	
aLakin, Herbert ... ..	1901	
cLambley, Kathleen Annie Lila ... ..	1915	
cLane, Henry Jerrold Randall ... ..	1929	
Langton, Amelia M.		
<i>Graduated as Fielding</i>		
cLansdale, Mary ... ..	1929	
Law, Edward Arnold ... ..	1913	
Lawrence, Eric Harold ... ..	1903	
<i>Lawson, Henry Heaton</i> ... ..	1911	
Lawson, McEwan Stott, B.D. ... ..	1910	
aLe Page,		
Florence Bertha Louise de Wilton	1894	
cLeach, Albert ... ..	1932	
Leather, Mrs. James.		
<i>See</i> Rohleder, Doris		
cLeaver, Harry Gray ... ..	1924	
aLedward, Mary Beatrice Ruthven ... ..	1894	
Lee, Frederick Henry ... ..	1914	

1 Professor of the Theory of Education in the University of Cairo.

2 Professor of Medieval History in the University.

3 Formerly Professor of German and Germanic Philology in the University.

4 Professor of History in the University of London (Holloway College).

5 Head Master, Hyde County School.

6 Professor of the History of Education, Teachers' College, Columbia University, New York, U.S.A.

7 Late Professor of French Language and Literature in the University.

8 Formerly Professor of French Language and Literature in the University.

9 Director of Education, Borough of Leyton, Essex.

10 Professor of Economics in the University of Sheffield.

\* Awarded M.C.

\*\* Degree conferred under Charter II. (3).

M.A.—continued.	Date of Degree	Date of Degree	
cLees, Anne ... ..	1915	Maddrell, Mrs. See Jones, Dorothy	
c**Lees, Beatrice Adelaide ... ..	1918	Mair, Mrs. J. A. See Moss, Helen S.	
Lees, Mrs. Charles. See Speakman, Ethel		Maitland, T. Gwynne. See Jones, T. M.	
cLees, Madeleine Eleanor ... ..	1919	cMalley, Edith ... ..	1929
cLeese, John, M.Ed. ... ..	1929	cMallison, James Clifford ... ..	1933
cLeeves, Frederick Horrocks ... ..	1914	c8Maltby, Samuel Edwin, M.Ed. ... ..	1905
c**2Leigh, Charles William Edward	1916	Maltby, Mrs. S. E. See Cooper, Marjorie	
Lever, Henry. See Levy, Henry		Mann, William Edward Wormald ... ..	1908
cLevy, Henry (now Henry Lever) ... ..	1923	cManning, Phyllis Amy ... ..	1924
Lewis, Charles Richard ... ..	1899	Manock, Calliroy ... ..	1906
cLewis, Norman Bache, Ph.D. ... ..	1922	cManton, Emma (Mrs. L. Clements) ... ..	1917
Lewis, Timothy ... ..	1911	Marks, Joseph ... ..	1917
cLibbey, Ernest Jackson ... ..	1893	c9Marquis, Frederick James, B.Sc. ... ..	1912
cLibbey, John Norman ... ..	1892	Marsden, Victor Emile ... ..	1895
cLindores, Elsie Audrey ... ..	1924	*Marshall, George Herbert ... ..	1913
*Lindsay, Henry ... ..	1912	Marshall, Hannah Ethel	
cLiptrot, Edith Mary ... ..	1929	(Mrs. W. P. Marshall) ... ..	1906
Lisbona, Nivvim ... ..	1906	Marshall, Lizzie Backhouse ... ..	1902
Littlejohn, Mrs. E. S.		Marshall, Mary Elizabeth ... ..	1906
See Cooper, Ruth C.		Marshall, Mrs. W. P.	
Littlewood, Ruth ... ..	1914	See Marshall, Hannah E.	
Livesey, Hilda (Mrs. Arthur Bewley) ... ..	1912	AcMarsland, Mary Kelsall ... ..	1904
3Llewellyn, Gwladys ... ..	1909	Marsland, Mrs. W. L.	
Lloyd, George Moss, B.Sc. ... ..	1902	See Henderson, Catherine H.	
cLodge, Frances Audrey ... ..	1918	Marston, Fanny ... ..	1902
cLofthouse, Marion ... ..	1929	c**Marten, Gladys Maud ... ..	1921
Lomas, Laura Alice ... ..	1911	cMartin, John Leslie ... ..	1932
Lomas, Lucy Marian ... ..	1912	cMartin, Kenneth Lewis Price ... ..	1920
Lomas, Reginald Hampson, B.D. ... ..	1911	Mason, Katie (Mrs. Thompson) ... ..	1914
cLongbottom, John Charles ... ..	1922	cMather, William ... ..	1932
cLouch, Nora Florence ... ..	1917	cMatthews, William, B.Com. ... ..	1923
4Love, Jessie ... ..	1906	Matthias, Emily ... ..	1911
Lowe, John ... ..	1914	Matthias, Sarah (Mrs. H. F. Coward) ... ..	1909
Lund, Albert Fenton ... ..	1911	cMaw, John William ... ..	1916
cLytgoe, Norman Leigh, M.Ed. ... ..	1914	cMayall, Harry Seville ... ..	1931
Macalister, Margaret Wright		cMeecham, Henry George, B.D., Ph.D. ... ..	1921
(Mrs. Ballantyne) ... ..	1910	cMeeson, Joseph Arthur, LL.B. ... ..	1887
cMcClymont, Jane Agnes ... ..	1909	cMelhuish, Sara ... ..	1905
cMcConnell, Ellen Kennedy ... ..	1892	Mellor, Mrs. A. A. See Dean, Gertrude A.	
Macdonald, Ella Dorothea ... ..	1907	Mellor, Eleanor Gertrude ... ..	1909
AcMacGowan, Elizabeth Anne		Mellor, Harry Albinson ... ..	1913
(Mrs. Alfred Haworth) ... ..	1891	cMellor, Theodora ... ..	1903
McGregor, Flora Ethel ... ..	1912	Melville, Ellen Louisa ... ..	1903
c**Macgregor, James ... ..	1923	cMenzies, Ethel ... ..	1917
McInnes, Jean Robertson		Mercer, Charles Henry, B.Com. ... ..	1909
(Mrs E. D. Jones) ... ..	1912	cMidgley, Laura Margaret ... ..	1930
c**5McKechnie, Henry Mavor ... ..	1920	cMielziner, Gertrude ... ..	1917
Mackenzie, Donald Alexander ... ..	1911	Miller, Evelyn ... ..	1914
Mackillop, Douglas ... ..	1919	Mills, Margaret Sybil ... ..	1909
McKnight, Ethel Thomasine ... ..	1902	Mills, Mrs. See Wilkinson, Elsie R.	
c6McLachlan, Herbert, D.D. ... ..	1905	AMines, Robert Allen ... ..	1891
cMcLachlan, Herbert John, B.D. ... ..	1930	cMitchell, Frank, M.Ed. ... ..	1923
7MacLeavy, George William Müller ... ..	1906	roMitchell, Nellie ... ..	1911
cMcPhail, Peter ... ..	1917	Moat, Mrs. C. W.	
Macpherson, Isabel Marie Stuart ... ..	1909	See Handley, Christina	
Macpherson, Jean ... ..	1914	c11Moffet, Stanley Ormerod ... ..	1909
McRobert, Jessie ... ..	1916	Moodie, Mrs. A. See Crewe, Margery	
		cMoore, Dorothy Irene ... ..	1921
		Morice, Edith Lea (Mrs. Elias) ... ..	1902

- 1 Joint Principal, Heathcroft College, Beeston, Cheshire.
  - 2 Librarian of the University.
  - 3 Head Mistress, Girls' Grammar School, Clitheroe.
  - 4 Head Mistress, Ducie Avenue Central Girls' School, Manchester.
  - 5 Secretary to the University Press.
  - 6 Principal, Unitarian College, Manchester
  - 7 Principal, Moravian College, Fairfield.
  - 8 Head Master, Friends' School, Penketh.
  - 9 Member of Advisory Council of Board of Trade.
  - 10 Head Mistress, Birkdale Council Infants' School.
  - 11 Librarian of University College, South Wales, Cardiff.
- \* Awarded D.S.O.      \*\* Degree conferred under Charter II. (3).



M.A.—continued.	Date of Degree	Date of Degree	
c1 Morris, Harold Ravenscroft ... ..	1913	Owen, Wilfred Scotter ... ..	1909
cMorrow, Elsie Gertrude		10 Owens, Elizabeth Jane ... ..	1901
(Mrs. E. E. Mount)	1916	Painter, William Arthur, B.D. ... ..	1907
cMoss, Helen Sumner (Mrs. J. A. Mair)	1914	cPalmer, Ethel Matilda ... ..	1929
Moss, Mrs. Herbert. See Foster, Elsie		cPape, Thomas ... ..	1926
Mount, Mrs. E. E. See Morrow, Elsie G.		Parish, Jessie Marion ... ..	1910
cMudie, Phyllis Jean (Mrs. G. N. Haden)	1920	cParker, Douglas Oxbly ... ..	1923
cMuir, John Ramsay Bryce ... ..	1899	**11 Parker, Edward Harper ... ..	1905
cMumford, William Foskett ... ..	1924	AcParker, Elizabeth ... ..	1904
Muncaster, Mrs. A. B.		Parker, George Henry ... ..	1910
See Ayres, Winifred		Partington, Thomas Cowsill ... ..	1912
cMuncaster, Marie (Mrs. Williams) ... ..	1915	Partington, Winifred (Mrs. Groombridge)	1913
cMurgatroyd, Harry Hopkinson ... ..	1916	Paschali, Cleonike Calliope ... ..	1903
Muscott, Etheldreda ... ..	1911	cPaterson, Edward Douglas, B.D. ... ..	1915
		Paterson, Mrs. F. W.	
c**4 Neale, John Ernest ... ..	1926	See Street, Lucie I.	
cNedderman, George Herbert ... ..	1914	Pattinson, Mrs. See Haigh, Ethelwyn	
AcNeedham, Elizabeth ... ..	1903	Paul, Margaret Caroline	
cNeild, Ada ... ..	1908	(Mrs. C. W. Knott)	1909
cNeild, Helen Thorp ... ..	1893	cPawson, Emily ... ..	1915
cNewbold, John Turner Walton ... ..	1912	Peach, Lawrence du Garde ... ..	1913
cNewell, Edith Carina		c**12 Pear, Tom Hatherly ... ..	1918
(Mrs. Jack Buckley)	1921	cPearce, Agnes ... ..	1928
cNewsham, Harold Goad ... ..	1919	cPearson, Leonard Samuel ... ..	1926
Newton, Adelaide Anne ... ..	1909	cPearson, Rachel Firth ... ..	1917
Newton, Eva Margaret ... ..	1907	Peel, Mabel Dymond ... ..	1907
Newton, Mrs. R. E.		13 Penney, Elizabeth (Mrs. Grahani) ... ..	1910
See Shepherd, Kathleen A.		cPercival, Walter ... ..	1929
cNicholas, Lily ... ..	1915	APerris, Harry Shaw ... ..	1894
6 Nicholson, George Robert Henderson	1909	cPerry, Dorothy (Mrs. A. G. Topham) ... ..	1915
Nicholson, Jennima ... ..	1909	cPeter, David, M.Ed. ... ..	1932
7 Nightingale, Ellen Constance ... ..	1914	cPeters, Kathleen Houghton ... ..	1924
cNightingale, Florence ... ..	1908	cPhillips, Doris ... ..	1919
cNind, James ... ..	1918	Phillips, William Priestley ... ..	1917
Norbury, William Alan ... ..	1925	cPhillipson, Hugh Myrddin ... ..	1929
Norcliffe, Clare ... ..	1910	Phillipson, Sydney ... ..	1913
North, Mrs. See Ingham, Amy		AcPickles, Albert ... ..	1902
Nuttall, Ernest James ... ..	1911	Pickles, Edith Alice (Mrs. C. Woolridge)	1913
Nuttall, Frank Emmett ... ..	1904	Pickles, Harry Thornton, LL.B. ... ..	1911
		cPilkington, Evelyn Madge, M.Ed. ... ..	1918
cOakden, James Parker, Ph.D. ... ..	1927	Pilling, Robert Harold ... ..	1914
O'Brien, Florence		Pinder, Thomas Sydney ... ..	1914
(Mrs. Frederick Speakman)	1913	Pitt, Theodora (Mrs. J. Contman) ... ..	1913
Oddie, Eveline (Mrs. Whalley) ... ..	1908	APittway, Harold Bernard ... ..	1904
cOgden, Herbert William ... ..	1926	Platt, Edith May ... ..	1900
cOgden, Mary Lilian ... ..	1915	cPollard, Jane Elizabeth	
Ogden, Mrs. W. W.		(Mrs. J. C. Wrigley)	1917
See Finlayson, Elizabeth R.		AcPope, Robert Martin ... ..	1888
80 O'Maille, Tomás ... ..	1910	cPorteus, Thomas Cruddas, B.D. ... ..	1924
O'Neill, Mrs. H. C.		c14 Potter, Jennie Mildred ... ..	1919
See Speakman, Elizabeth		cPotts, Charles ... ..	1904
O'Neill, Jennie (Mrs. W. C. Wilde) ... ..	1913	AcPotts, Sarah ... ..	1901
cOrmerod, Elizabeth		AcPotts, Thirza ... ..	1898
(Mrs. A. C. Campbell)	1917	Powell, Olive ... ..	1909
Ormesher, William ... ..	1909	Powicke, Agnes Eva ... ..	1918
cOrmrod, Harriet Nora		Powicke, Mrs. W. A.	
(Mrs. E. H. Holden)	1908	See Evans, Gwladys	
c**9 Orr, John ... ..	1923	cPrescott, Hilda Frances Margaret ... ..	1911
cOsman, Abd el Rahim Mohamed ... ..	1915	APrescott, John ... ..	1905

- 1 Head Master, County School, Felixstowe.
- 2 Head Mistress, Rotherham High School for Girls.
- 3 Formerly Professor of Modern History in the University.
- 4 Astor Professor of English History in University College, University of London.
- 5 Formerly Head Mistress, Pinehurst School, Crowborough.
- 6 Head Master, Kingswood School, Hartford, Connecticut.
- 7 Head Mistress, Dr. Williams High School, Dolgelly.
- 8 Professor of Irish, University College, Galway.
- 9 Professor of French in the University of Edinburgh.
- 10 Formerly Head Mistress, County School, Bala.
- 11 Late Professor of Chinese in the University.
- 12 Professor of Psychology in the University.
- 13 Head Mistress, Central School, Alexandra Road, Tipton.
- 14 Head Mistress, Canton Girls' Secondary School, Cardiff.

\*\* Degree conferred under Charter II. (3).



M.A.—continued.	Date of Degree	Date of Degree	
cScott, Irene ... ..	1915	Stobbs, William Herbert ... ..	1894
cSeddon, Connie ... ..	1917	cStafford, Francis John, M.Ed. ... ..	1914
Seddon, Isabel ... ..	1914	cStafford, George William ... ..	1924
c**Sedgefield, Walter John ... ..	1923	cStafford, Jack ... ..	1930
Saigley, Samuel Dudley ... ..	1915	cStanley, Caroline ... ..	1919
cSeed, Isobel Hunt, B.Sc. ... ..	1925	cStansfield, Agnes ... ..	1932
cSegall, Hilda Mary ... ..	1924	Starkey, Mrs. H. W. See Clift, Annie L.	
Shallcross, Lucy Emily (Mrs. E. Beach)	1902	Stenhouse, Constance Orah ... ..	1911
cSharp, Douglas Simmonds, B.D. ... ..	1906	*Stephenson, Edgar, B.D. ... ..	1929
Sharp, Mrs. W. D. See Tout, Margaret		Stephenson, James, M.Com. ... ..	1910
Shaw, Mrs. John. See Bradley, Annie		AcSteuart, Lita Agnes (Mrs. E. A. Tharp)	1901
cShaw, Mary Storrs ... ..	1929	cSteven, Robert George ... ..	1933
Shaw, William ... ..	1913	cStevens, Ada ... ..	1915
c**Sheavyn, Phoebe Anne Beale ... ..	1923	Stevenson, Alan ... ..	1910
Shepard, Ruth Mary (Mrs. Ball) ... ..	1906	Stevenson, Ethel Mary ... ..	1901
Shepherd, Douglas Howard, B.Sc. ... ..	1913	Stevenson, James, B.Com. ... ..	1907
Shepherd, Kathleen Alice		Stirling, John ... ..	1912
(Mrs. R. E. Newton) ... ..	1910	c**5Stocks, John Luofric ... ..	1926
Sherriff, Isabel Brown ... ..	1900	Stocks, Winifred Alice ... ..	1907
Shillito, Edward ... ..	1896	Stockton, Charles Edward ... ..	1907
Shillito, George ... ..	1905	AcStott, Alice Elizabeth ... ..	1913
Shillito, Mrs. George.		cStott, Amy Jane ... ..	1915
See Ramsbottom, Annie H		cStrawson, Agnes (Mrs. Thomas) ... ..	1913
Shimmin, Arnold Nixon ... ..	1911	cStreet, Lucie Isabel	
cShuttleworth, Joseph, B.Com. ... ..	1916	(Mrs. F. W. Paterson) ... ..	1923
Sidley, Mrs. S. See Bryant, Elsie I. V.		Stringer, Lena Hutchinson	
cSilverstone, Alec Eli, Ph.D. ... ..	1922	(Mrs. Alfred Harrison) ... ..	1913
cSim, Annie ... ..	1926	Strong, Archibald Thomas ... ..	1900
cSimmons, Elsie ... ..	1921	cStuart, Wilson, B.Sc. ... ..	1898
Simmonds, Florence ... ..	1916	cSugden, Emily Edith ... ..	1921
cSimmonds, Kate ... ..	1923	cSullivan, Frederica ... ..	1916
cSimpson, Sybil ... ..	1929	cSummerfield, Donald ... ..	1930
Singleton, Frank Chester ... ..	1911	cSumner, Leslie Vivian ... ..	1911
Singleton, Harold Richmond ... ..	1907	cSutcliffe, Dorothy ... ..	1910
ASironi, Harold Sebastian ... ..	1902	cSutcliffe, Emma ... ..	1911
2Skemp, Arthur Rowland ... ..	1907	cSutton, Joseph Hertford, M.Ed. ... ..	1932
Skemp, Mrs. A. R.		Swaine, Mrs. F. See Thorpe, Florrie	
See Clarkson, Jessie D		ASwallow, John Albert ... ..	1886
AcSkemp, Frank Whittingham ... ..	1904	cSwarbrick, John William, B.D. ... ..	1922
Sloman, Frank Halley ... ..	1911	cSwire, Robert Edgar ... ..	1924
Slade, Mrs. R. E. See Budson, Muriel A.		Sykes, Mrs. See Parrow, Betsy	
Slater, Mrs. See Worsley, Constance M.		Taberner, Mrs. See Chadwick, Mary E.	
cSlotki, Judah Jacob ... ..	1929	AcTalbot, Edward, LL.B. ... ..	1886
Smiley, Mrs. M. T.		AcTalbot, Maud, M.Ed. ... ..	1914
See Browne, Theresa M.		Taplen, Mary Elizabeth	
Smith, Annie M. M.		(Mrs. G. E. Ashforth) ... ..	1906
See Happold, Annie M. M.		cTaylor, Emily Howson ... ..	1906
cSmith, Doris (Mrs. Norman Roberts) ... ..	1917	Taylor, Evelyn May ... ..	1923
cSmith, Dorothy Sinclair ... ..	1917	cTaylor, Frank ... ..	1931
cSmith, Henry ... ..	1913	cTaylor, Frank Edward,	
Smith, Margaret Ann		M.Sc., M.B., Ch.B.	1896
(Mrs. H. Whithead) ... ..	1909	Taylor, Frederick Clifford, B.D. ... ..	1912
Smith, May ... ..	1909	cTaylor, George ... ..	1922
3Sneath, Alec Andrews ... ..	1911	ATaylor, Lydia ... ..	1898
AcSpeakman, Elizabeth		Taylor, Thomas Whitehead ... ..	1910
(Mrs. H. C. O'Neill) ... ..	1901	cTaylor, Zillah ... ..	1928
Speakman, Ethel (Mrs. Charles Lewis)	1900	ATennant, Camilla Daleour	
Speakman, Mrs. Frederick		(Mrs. J. A. Green) ... ..	1897
See O'Brien, Florence		cTesh, Elsie ... ..	1919
cSpeight, Kathleen ... ..	1933	AThachray, Edgar, B.D. ... ..	1915
cSpeight, Sadie ... ..	1933	Tharp, Mrs. E. A. See Steuart, Lita A.	
Spencer, Mrs. A. E. See Hall, Lydia		cThomas, Annie ... ..	1933
Spencer, Charles Edward Galloway ... ..	1906	Thomas, Ethel ... ..	1910
Spencer, Mrs. C. E. G.		Thomas, Mrs. H. S. See Hartley, Nora F.	
See Woollam, Winifred D.		cThomas, Mary ... ..	1917
cSpencer, Thomas Percival ... ..	1915		

1 Formerly Professor of English Language in the University.

2 Late Winterstoke Professor of English in the University of Bristol.

3 Head Master, Mantsipim School, Cape Coast Castle, W. Africa.

4 Head Master, Barnes's Grammar School, Poulton-le-Fylde.

5 Professor of Philosophy in the University.

\* Awarded M.M. † Awarded D.S.O.

\*\* Degree conferred under Charter II (3).

M.A.—continued.	Date of Degree	Date of Degree	
cThomas, Nesta Emily ... ..	1915	Warrington, Ida Marguerite (Mrs. R. G. Cowley) ... ..	1907
Thomas, Mrs. See Strawson, Agnes		Washington, Rose Ann (Mrs. G. H. Rolls) ... ..	1908
cThomas, Roger Patrick David ... ..	1924	Waterhouse, Edgar ... ..	1913
cThomasson, Hugh Whittaker ... ..	1925	6Waterhouse, Osborn ... ..	1906
cThompson, Carleton ... ..	1909	Watson, Constance Mary ... ..	1908
Thompson, Mrs. See Mason, Katie		Watson, Effie ... ..	1909
Thompson, Mrs. C. E.		Watson, Mary Lois ... ..	1914
See Pritchard, Phyllis M.		Watson, Mrs. See Crosland, Esther	
Thompson, Edward Roffe ... ..	1914	Watts, Harland ... ..	1916
Thompson, Ethel Moores ... ..	1914	7Waugh, William Templeton, B.D. ... ..	1906
Thorburn, James ... ..	1922	cWeatherhead, Leslie Dixon ... ..	1926
cThorpe, Florrie (Mrs. F. Swaine) ... ..	1916	cWeitzman, Sophia, Ph.D. ... ..	1919
Thouless, Mrs. R. H.		cWelch, Janet Margaret ... ..	1910
See Gorton, Priscilla G.		cWells, Evelyn Beatrice ... ..	1923
cTiano, Eleonore Lily ... ..	1922	cWestbrook, Dorothy (née Butterworth)	1915
Ting, Alexander Young, LL.B. ... ..	1911	Westphal, Benjamin Augustus ... ..	1914
cTirrell, William ... ..	1915	Whale, Alice Gertrude ... ..	1906
Titterington, Emma Elisabeth (Mrs. L. A. L. King) ... ..	1907	8Walc, Lucy Ulrika ... ..	1907
1Tomlinson, Maurice ... ..	1907	cWhalley, Wilfred ... ..	1926
cTopham, Marjorie ... ..	1931	Whalley, Mrs. See Oddie, Eveline	
cTout, Margaret (Mrs. W.D. Sharp), Ph.D	1919	c9Whatmough, Joshua ... ..	1920
Tout, Mrs. T. F. See Johnstone, Mary		Wheeler, Edith Harriet ... ..	1912
cTowler, Elsie Howarth. (Mrs. B. P. Rothwell) ... ..	1919	Whitaker, Mabel ... ..	1910
cTravis, James Ernest ... ..	1933	cWhite, Mary Irene (Mrs. C. E. M. Joad)	1909
c2Treharne, Reginald Francis, Ph.D. ... ..	1923	cWhite, Thomas Turner Frederick William Goodier Merrell ... ..	1921
cTreloar, Constance Eveline ... ..	1923	c10Whitehead, Cyril Spencer ... ..	1922
cTrevor, Adelaide ... ..	1893	cWhitehead, Florence (Mrs. Gleave) ... ..	1915
c**Trofimov, Michael Vasilievitch ... ..	1923	Whitehead, Mrs. H. See Smith, Margaret A. ... ..	1908
c4Turner, Harold Pilkington, LL.M. ... ..	1907	Whitehead, James Edward ... ..	1910
cTurner, Lilian Mary ... ..	1923	Whitehead, Tom ... ..	1910
Turner, Winifred (Mrs. D. McF. Crawford) ... ..	1912	cWhiteley, Margaret (Mrs. F. C. Billings) ... ..	1920
Twedy, Theodore Victor ... ..	1906	cWhitson, Agnes Mary ... ..	1928
*Tyman, John ... ..	1913	Whittaker, Mrs. See Wrigley, Marion	
Tyson, Tom ... ..	1918	Wihl, Gertrude (Mrs. F. W. Jordan) ... ..	1906
cTyson, Moses, Ph.D. ... ..	1923	Wilby, Florence ... ..	1912
Varley, Benjamin, B.Com. ... ..	1914	Wildhood, William Arthur ... ..	1912
cVeen, Gerald Menno van der, M.Com. ... ..	1914	Wilde, May (Mrs. J. P. Earp) ... ..	1910
acVeen, Margrieta van der (Mrs. Edward Beer) ... ..	1901	cWilde, Reginald William ... ..	1933
**Vernon, Maud Venables ... ..	1928	Wilde, Mrs. W. C. See O'Neill, Jennie	
acWaddington, John Heywood ... ..	1892	cWilkinson, Bertie, Ph.D. ... ..	1921
cWadsworth, Edna ... ..	1915	cWilkinson, Ellen Cicely ... ..	1914
Walker, Mrs. A. G. See Carr, Hulda		cWilkinson, Elsie Reed (Mrs. Mills) ... ..	1916
cWalker, Ida Kathleen (Mrs. T. R. Atkins) ... ..	1920	cWilkinson, John James ... ..	1914
aWalker, Joseph ... ..	1891	Wilkinson, Marion ... ..	1906
aWalker, William ... ..	1908	Wilkinson, Pattie Eliza (Mrs. A. C. Cooke) ... ..	1909
cWall, Doris Margaret (Mrs. Geoffrey Bullough) ... ..	1924	Willatt, John ... ..	1913
cWaller, Ross Douglas ... ..	1921	cWillett, George ... ..	1911
†Walsh, Arthur ... ..	1913	cWilliams, Charles Thomas ... ..	1901
5Walters, John Cuming ... ..	1916	cWilliams, Eva Constance ... ..	1901
†Warburton, Stanley ... ..	1913	Williams, Florence Lilian ... ..	1905
cWard, Edith ... ..	1932	cWilliams, Florence Mabel ... ..	1916
cWard, Harry ... ..	1914	11Williams, Henrietta Gladys ... ..	1910
Ward, Nora (Mrs. C. B. Caldicott) ... ..	1912	Williams, Irene Frances (Mrs. G. A. Davies) ... ..	1905
		cWilliams, Margaret ... ..	1909
		cWilliams, Moses ... ..	1928

1 Head Master, St. Mark's School, Glodwick, Oldham.

2 Professor of History in University College, Aberystwyth.

3 Professor of Russian in the University.

4 Director of Extra-Mural Studies in the University.

5 Late Editor, *Manchester City News*.

6 Professor of English and Philosophy, University College, Pietermaritzburg, S. Africa.

7 Late Professor of Mediaeval History, McGill University, Montreal.

8 Head Mistress, Pendleton High School for Girls, Salford.

9 Professor of Comparative Philology in Harvard University, U.S.A.

10 Head Master, Higginbottom Central School, Ashton-under-Lyne.

11 Head Mistress, Kesteven and Grantham Girls' School.

\* Awarded D.O.

† Awarded M.C.

\*\* Degree conferred under Charter II. (3).

## M.A.—continued.

	Date of Degree		Date of Degree
<i>Williams, Sarah Bland</i> ... ..	1893	<i>cWoodward, Amy</i> ... ..	1916
<i>Williams, Mrs. See Muncaster, Marie</i>		<i>Woollam, Winifred Davenport</i>	
<i>cWillis, Dora Marjorie</i> ... ..	1933	(Mrs. C. E. G. Spencer)	1907
<i>cWillis, Janet Caroline Nicolson</i> ... ..	1908	<i>Woolridge, Mrs. C. See Pickles, Edith A.</i>	
<i>cWillis, Margaret Gaye</i> ... ..	1923	<i>cWorden, Charles Norman</i> ... ..	1915
<i>Willis, Maria Maud Dunbar</i> ... ..	1915	<i>Wormell, Lucy Elizabeth</i>	
<i>cWillis, Reginald John</i> ... ..	1924	(Mrs. D. S. Inman)	1914
<i>Wilson, Albert Knowles</i> ... ..	1912	<i>cWorsick, Dorice Ethel</i>	
<i>cWilson, Charles Louis, B.D.</i> ... ..	1921	(Mrs. A. H. Candler)	1915
<i>c**Wilson, Edith Caroline</i> ... ..	1905	<i>cWorsley, Constance Maude (Mrs. Slater)</i>	1925
<i>Wilson, Mrs. F. W. See Atherton, Clara</i>		<i>Worsley, Robert Catterall</i> ... ..	1913
<i>Wilson, George William</i> ... ..	1911	<i>2Worthington, John Hubert</i> ... ..	1910
<i>cWilson, Mabel (Mrs. W. E. Robinson)</i> ...	1921	<i>cWragg, Janet Mary (Mrs. Knight)</i> ...	1916
<i>cWilson, Stephen Grylls</i> ... ..	1916	<i>cWray, Marjorie</i> ... ..	1925
<i>cWinder, Richard Henry</i> ... ..	1920	<i>Wright, Arthur</i> ... ..	1912
<i>Winstanley, Alice Ethel</i> ... ..	1906	<i>cWright, Enid (Mrs. F. L. Hudson)</i> ...	1930
<i>acWinstanley, Lillian</i> ... ..	1901	<i>3Wright, Herbert Gladstone</i> ... ..	1916
<i>cWise, Lydia Beatrice</i> ... ..	1910	<i>Wright, Jessie</i> ... ..	1910
<i>Withers, Ethel Agnes</i> ... ..	1905	<i>cWright, Joseph Delves</i> ... ..	1915
<i>cWolstenholme, Anice</i> ... ..	1915	<i>Wright, William David</i> ... ..	1890
<i>cWood, Alfred Walton</i> ... ..	1932	<i>cWrigley, Edward Ernest</i> ... ..	1933
<i>cWood, Amy Louisa</i> ... ..	1916	<i>Wrigley, Mrs. J. C. See Pollard, Jane E.</i>	
<i>cWood, John</i> ... ..	1923	<i>cWrigley, Margaret Joyce</i> ... ..	1933
<i>acWood, Joseph</i> ... ..	1900	<i>cWrigley, Marion (Mrs. Whittaker)</i> ...	1909
<i>acWood, Leonard Bowker</i> ... ..	1899	<i>Wynne, Arnold</i> ... ..	1904
<i>cWoodall, Ethel Margaret</i> ... ..	1917	<i>Yates, Dora Esther</i> ... ..	1902
<i>Woodall, Samuel James</i> ... ..	1908	<i>Yates, Ernest Cyril, LL.B.</i> ... ..	1904
<i>Woodcock, Ada Winifred</i>		<i>Yates, George Warden, LL.B.</i> ... ..	1913
(Mrs. W. H. Hardisty)	1907	<i>cYates, Nellie Bertha</i> ... ..	1917
<i>Woodcock, Mabel Helen Mary</i> ... ..	1912	<i>cYonge, John Arthur</i> ... ..	1895
<i>ciWoods, Frank Unsworth</i> ... ..	1924	<i>cZucker, Elizabeth May Marie</i> ... ..	1925

## B.A.

The first part of this list contains the names of the Associates of Owens College who received the degree of B.A. in connection with the provisions of the Charter of 1880 (iv. § 3), and of the Charter of 1903 (ii. § 3).

*Elkanah Armitage.*  
*cGeorge Howell Ashworth.*  
*John Rawlinson Darling.*  
*Edwin Reife Barrett.*  
*Arthur William Baxter*  
*Joseph Bell.*  
*Matthew James Bowden, Bennett*  
*James Bottomley.*  
*cArthur Henry Boyden.*  
*Henry Brierley.*  
*Edward John Broadfield.*  
*Henry Ambrose Grundy Brooke.*  
*Frederick Dobson Brookes.*  
*Arthur Leoline Jenkyn Brown.*  
*cThomas Brownson.*  
*Percy William Bunting.*  
*Robert Watson Cameron.*  
*cCharles Clay.*  
*John Taylor Clegg.*  
*John Patchett Cori.*  
*Richard Samuel Dale.*  
*Thomas William Douglas.*

*Thomas Crossley Eastwood.*  
*William Eaton.*  
*cJohnson Louax Entwistle.*  
*cArthur Henry Fish.*  
*cJohn Mease Geden.*  
*George Gilchrist.*  
*cHermann Julius Goldschmidt.*  
*cWilliam Alfred Guttridge.*  
*John Howe Gwyther.*  
*John Harker.*  
*cHenry Harwood.*  
*cRobert Travers Hurford.*  
*cErnest Godfree Whitworth Hewlett.*  
*John Heywood.*  
*Charles Gaskell Higginson.*  
*cHenry William Holder.*  
*c4Alfred Hopkinson.*  
*cHarold Raleigh Hopwood.*  
*c5Alfred Hughes*  
*Charles Hughes.*  
*cWalter Hughes.*  
*Edwin Jackson.*

- 1 Head Master, Upholland Grammar School, Lancashire.
- 2 Formerly Professor of Architecture, Royal College of Art, South Kensington.
- 3 Professor of English, University College, Bangor.
- 4 Formerly Vice-Chancellor of the University; Kt.; K.C.
- 5 Formerly Organising Professor of Education in the University of Birmingham.

\*\* Degree conferred under Charter II, (3)

B.A.—continued.

Arthur Newton Johnson.  
*William Karfoot.*  
 cJohn Cort Livesey.  
*Richard England Long*  
 cRobert Harley Lord.  
*James Muir McKerrrow.*  
*Ruper Mason.*  
*Walter Cartwright Massey.*  
*John Saxon Mills.*  
 cNorman Moore.  
*Joshua Murgatroyd.*  
 cJames Ross Murray.  
*Frederick Parker Napier.*  
 cAlfred Neild, Jun.  
*James Parkinson.*  
*Henry Richard Parry.*  
*James Allanson Picton.*  
*Charles Thomas Poynting.*  
*Joseph Priestley.*  
*William Henry Rhodes.*  
 cPercy Robinson.

cEdward Oskar Schneider.  
*Charles Sheldon.*  
 cArthur Smith.  
 cHenry Gibson Smith.  
*William Taylor Smith.*  
 cHerbert Spencer.  
 c3Edward Holdsworth Sugden.  
*William Summers.*  
*Herbert Henry Surgey*  
 David Sutcliffe.  
 cJohn Barlow Thistlethwaite.  
 cJohn William Thompson.  
*Joseph Thompson.*  
*Joe Midgley Thornton.*  
 cArthur Watson.  
 cArthur Algernon Whitehead.  
 c4James Pounder Whitney.  
 c5Henry Spenser Wilkinson.  
*George Burgess Lancaster Woodburne.*  
 c6Arthur Henry Worthington.  
*Jeffery Worthington.*  
 cJohn Kentish Wright

	Date of Degree
cAbbatt, Mary Dilworth ... ..	1922
cAbell, Marjorie May ... ..	1925
cAbraham, Christabel Mary ... ..	1929
cAbraham, Mabel ... ..	1916
cAdams, Edith Rosamond ... ..	1926
cAdams, Margaret Taylor ... ..	1924
cAdams, Phyllis Marjorie ... ..	1928
Adamson, Alice ... ..	1905
cAddis, Evelyn Clara ... ..	1931
cAddis, Gwendoline ... ..	1930
Agate-Williams, H. J. <i>See Williams, H. J. A.</i>	
cAgerskow, Edith Mary ... ..	1924
Ainscough, Clara Jane ... ..	1910
cAinscough, Mary Margaret ... ..	1932
Ainslie, Hester Wingate (Mrs. Crichton)	1901
cAitkenhead, Mary Gardner Ure ... ..	1931
cAkers, Doris Mary ... ..	1930
cAlbinson, Kathleen Mary ... ..	1933
acAlcock, Sarah ... ..	1893
Aldred, Mrs. H. <i>See Webster, Lily</i>	
cAldred, Margaret Elizabeth ... ..	1932
Aldridge, Geoffrey de Ybarrodo ... ..	1897
Aldridge, Noel ... ..	1900
cAlexander, Ellen Baker ... ..	1927
Alexander, Hyman Isidor. <i>See Nemtsov, H. I.</i>	
cAlison, Donald Fraser ... ..	1933
cAllan, Dorothy ... ..	1927
cAllan, Harry ... ..	1920
cAllard, Gwendoline <i>(Mrs. Robert Bryson)</i>	1925
Allcock, Mrs. W. B. <i>See Jones, Alice M.</i>	
Allen, Mrs. G. R. <i>See Willson, Amelia H.</i>	
cAllen, Horace Hares ... ..	1923
cAllen, Mary Winifred ... ..	1927
Allen, May ... ..	1903
cAllen, Muriel Longcroft ... ..	1928
cAllen, Philip Hernaman ... ..	1924
cAllott, Frances ... ..	1921

	Date of Degree
cAnders, Ethel Mary ... ..	1923
cAnderson, Bessie ... ..	1928
cAnderson, Freda Mary ... ..	1921
cAnderson, James Dalgleish ... ..	1918
cAnderson, Jasper George Litchfield ... ..	1897
Anderson, John ... ..	1896
cAnderson, Lewis Pemberton ... ..	1891
cAnderson, Margaret ... ..	1930
Anderson, Marguerite Marie ... ..	1917
Anderson, Selina ... ..	1909
cAnderson, Theodore James ... ..	1915
cAnderton, Harriet Agnes <i>(Mrs. G. B. Jackson)</i>	1921
Anderton, Neander ... ..	1894
cAndrew, Kathleen ... ..	1927
cAndrew, Winifred ... ..	1930
cAngus, Albert Alan ... ..	1932
cAnnis, Hilda ... ..	1928
cAppleby, Isobel Georgina ... ..	1933
cAppleton, Edith Lilius ... ..	1933
7Archer, Arthur Bennett ... ..	1903
cArden, John Edward ... ..	1921
cArdern, Frances Mary ... ..	1924
cArmitage, Charlotte Winifred ... ..	1932
cArmitage, Ronald Rushforth ... ..	1932
Armstrong, Mary ... ..	1890
Arnfield, William ... ..	1909
cArnold, Mary ... ..	1927
cArnold, William, B.D. ... ..	1927
Artingstall, Leslie ... ..	1909
8Ascroft, Florence Sophia <i>Ashburner, Mrs. H. S.</i>	1912
<i>See Ledward, Marson C.</i>	
Ashby, Josephine (Mrs. Holden) ... ..	1903
Ashcroft, Margaret ... ..	1911
cAsher, Maria Elizabeth ... ..	1917
cAshley, Herbert Henry ... ..	1921
cAshton, Helen Kathleen ... ..	1927
cAshton, Ida ... ..	1930
cAshton, Ivy ... ..	1932
cAshton, Margaret Martha, M.Ed. <i>(Mrs. W. W. Kay)</i>	1918

- 1 Late Hon. Fellow, St. Catherine's College, Cambridge: F.R.C.P.
- 2 Late Rural Dean of Childwall and Honorary Canon of Liverpool Cathedral.
- 3 Master of Queen's College in the University of Melbourne.
- 4 Dixie Professor of Ecclesiastical History, University of Cambridge.
- 5 Formerly Professor of Military History, University of Oxford.
- 6 Chairman of the Council of the University.
- 7 Head Master, Oldershaw Secondary School for Boys, Wallasey.
- 8 Head Mistress, Blakey Moor Central Sch. for Girls, Blackburn.

B.A.—continued.	Date of Degree	Date of Degree	
cAshton, Mary Beatrice ... ..	1922	Barkway, James Lumsden ... ..	1899
cAshton, Philip ... ..	1917	Barlow, Mrs. A. See Moyes, Effie	
cAshworth, Alice ... ..	1928	Barlow, Gertrude Emily ... ..	1900
cAshworth, Edith ... ..	1929	cBarlow, Mildred Elliott ... ..	1933
cAshworth, Florence Margaret	1928	cBarnes, Anthony Gordon ... ..	1931
cAshworth, Henry Ingham ... ..	1929	cBarnes, Edith ... ..	1930
cAshworth, John Alfred ... ..	1916	Barnes, Grace (Mrs. Metcalfe) ... ..	1908
Ashworth, Norman ... ..	1898	cBarnes, John ... ..	1922
cAshworth, Will ... ..	1921	cBarnes, Margaret Spencer ... ..	1933
cAtkinson, Elizabeth Alice ... ..	1928	cBarnes, Norman Omar ... ..	1929
Atkinson, Janet ... ..	1904	cBarnett, Herbert Arthur, B.D.	1919
cAtkinson, John Jennings ... ..	1924	Baron, William ... ..	1908
cAtkinson, Lilian Lockwood ... ..	1904	Barr, Dora Douglas (Mrs. Nicol) ... ..	1903
cAtkinson, Margaret Josephine	1924	cBarras, Elsie Clara (Mrs. Hammond) ... ..	1903
cAtkinson, Marjorie ... ..	1925	Barratt, Mrs. J. G. See Collins, Clara	
cAtkinson, Marjorie Katherine	1932	cBarratt, Muriel ... ..	1926
acAtkinson, Roberta Mary Moreland,	M.Ed. 1900	Barrett, Mary (Mrs. H. M. Speechly) ... ..	1892
cAtkinson, Thomas Samuel ... ..	1930	cBarry, William Patrick ... ..	1933
cAtterton, Mrs. R. See Dack, Isabel		cBartlett, Amy Katherine Elizabeth	1930
Auld, Catherine Gemmell ... ..	1897	Barton, Mrs. John.	
cAustin, Percy ... ..	1920	See Haworth, Jane A.	
cAuty, David Eastham, B.D. ... ..	1908	cBarton, Linda (Mrs. S. J. Bennett) ... ..	1921
cAynsley, John Swinburn ... ..	1932	Barton, Marion (Mrs. G. Kimber) ... ..	1903
		cBarwise, Wilfrid ... ..	1930
cBache, Dorothy (Mrs. Maye) ... ..	1927	Bason, Charles James ... ..	1890
cBacon, Horace, B.D. ... ..	1921	Bass, Elizabeth Lucy (Mrs. W. C. Hall)	1898
cBadland, Mary Alice ... ..	1930	cBass, Freda Wild Palmer	1931
cBadrock, Elsie ... ..	1920	ciBate, James Reed, B.Sc. ... ..	1894
acBagshaw, Edith Mary ... ..	1897	cBateman, Robert Wallace ... ..	1920
Bagshaw, Irene Annie ... ..	1924	cBates, Lawrence ... ..	1930
Bagshaw, Lilian Jane (Mrs. Morris) ... ..	1901	Bates, Mabel Alice ... ..	1902
cBahin, Kate Madeleine ... ..	1921	cBates, Mona ... ..	1930
cBailey, Bertha (Mrs. R. C. Gowthorpe)	1923	Bateson, Hartley ... ..	1911
Bailey, Mrs. Norman.		cBateson, Nora ... ..	1917
See Lamb, Phyllis M. S.		cBatty, Elizabeth Rita ... ..	1924
cBainbridge, Eleanor ... ..	1922	cBawden, Gerda Dulce ... ..	1929
Bainbridge, Mrs. J. H.		cBaxendale, Agnes Annie ... ..	1928
See Middleton, Florence J.		cBaxter, Ada Louise ... ..	1929
cBaines, Ethel (Mrs. A. Douglass) ... ..	1920	cBaxter, Elsie ... ..	1930
cBaines, Mabel Mary Doreen ... ..	1931	cBaxter, Eunice Adcock ... ..	1918
Bainton, Charles Morell ... ..	1899	cBaxter, Thelma Mackay ... ..	1931
cBaker, Beatrice Annie ... ..	1926	cBayley, George Teer ... ..	1924
cBaker, Dora Annie ... ..	1933	cBaylis, Millicent Mary Sarjeant ... ..	1927
cBaker, Dora Frances Helen ... ..	1931	Baynes, Amy Pilkington	
cBaker, Eileen Margaret ... ..	1929	(Mrs. Sidebotham)	1903
cBaker, Marcus ... ..	1933	cBeacall, Phyllis ... ..	1923
cBaker, Muriel Croft ... ..	1929	Beale, Mrs. P. E. See Ormrod, Lucy	
cBalderstone, Alice ... ..	1929	Beard, Mrs. J. See Rundle, Althea V.	
cBalderstone, Mary ... ..	1926	Beard, Mary Lilian, B.Sc. ... ..	1894
cBaldick, George Sidney ... ..	1920	cBeard, Oliver Jesse ... ..	1928
Ball, Mrs. B. See Fallowfield, Annie G.		cBeard, Ralph ... ..	1917
cBallance, Edna ... ..	1933	cBeardsell, Sidney William ... ..	1930
Balmforth, Mrs. H. See Haigh, Helen		cBearpark, Margaret ... ..	1919
cBalsbaw, Elizabeth ... ..	1933	*Beaumont, John Somerville ... ..	1911
cBamber, Mary Cecily ... ..	1930	cBeaver, Mary ... ..	1926
cBamford, George Harold ... ..	1903	cBeck, Frank Leslie ... ..	1922
cBamford, James Edmund ... ..	1895	Beck, Louisa (Mrs. Mainwaring) ... ..	1913
cBamford, Rose Pullen ... ..	1930	Beckett, Elizabeth (Mrs. James Kerr)	1888
Band, Stephen ... ..	1897	cBeckett, James Harold ... ..	1932
cBanks, Florence (Mrs. Hankun) ... ..	1923	cBeckitt, Marjorie ... ..	1929
Banks, Mrs. H.		cBeddis, Lionel Gilbert, M.Ed.	1922
See Hacking, Margaret A.		cBedford, Dorothy ... ..	1916
cBanks, Jane ... ..	1926	cBedford, Francis John ... ..	1932
Bann, Emily Georgina ... ..	1911	cBedwell, Walter Thomas ... ..	1933
cBannister, Elizabeth ... ..	1924	cBee, Benjamin ... ..	1916
cBannister, Mary ... ..	1930	cBeech, Elsie ... ..	1922
Barber, Eric Siordet ... ..	1913	Beecroft, Jennie ... ..	1907
Bark, Mrs. G. M. See Smith, Gertrude		Beeley, Annie Howard ... ..	1909
Barker, Florence Annie ... ..	1904	Beer, Phyllis Adeline ... ..	1927
cBarker, Nora ... ..	1923	cBeggs, Mary Eleanor ... ..	1925
Barker, Mrs. W. B.		Beggs, Mrs. D. C.	
See Wilkinson, Dorothy C.		See Sutton, Alice M. E.	
		cBell, Beatrice Constance ... ..	1928

i Head Master, Ormskirk Grammar School.

\* Awarded M.C.

B.A.—continued.

	Date of Degree		Date of Degree
cBell, Caroline Mary (Mrs. G. N. Burkhardt)	1924	cBoard, Beatrice Mary (Mrs. Scott)	1889
cBell, Dorothy (Mrs. G. L. Meachim)	1916	cBoden, Reynold Blomerley	1916
cBell, Florence Kathleen	1921	Boden, Mrs. R. B.	
cBell, John Johnston	1899	See Robinson, Winifred	
cBell, Olga	1930	ABold, Edgar, L.L.B.	1896
cBellman, Vera Marguerite	1916	cBollans, Vivien Mary	1931
cBellwood, William	1922	Bonavia, Mrs. F. See Jucker, Hilda A.	
cBembridge, George	1933	cBond, Dorothy Howard	1926
cBenas, Bertram Benjamin Baron	1902	cBond, Theolara	1917
Bendall, Mary Constance (Mrs. Cockrill)	1900	cBoon, Eva	1921
cBennett, Clara	1922	cBooth, Doris Campbell	1920
cBennett, Hannah	1919	cBooth, Elizabeth (Mrs. A. Laithwaite)	1918
cBennett, Harold	1907	cBooth, Lena	1928
Bennett, Mrs. S. J. See Barton, Linda		cBooth, Walter	1921
cBennett, John	1929	cBoothman, Dorothy Sarah	1928
Bennett, Mrs. See Porritt, Florence M.		cBoothman, Hazel Elizabeth	1923
Bennett, Mrs. See Bunnett, Mary E.		Boraston, Louisa Adina	1900
cBentley, James Kay	1922	cBorn, Aileen Maura (Mrs. E. S. Hedges)	1924
cBentley, Mary (Mrs. J. H. Burnet)	1926	Botham, Elsie May	1912
Bentley, Mrs. See Walker, Ada		Bottomley, Christine	1907
cBeresford, Mildred Edith	1930	cBottomley, Herbert	1929
cBernhardt, Elsie Sarah (Mrs. Solomon Bernstein)	1924	cBottomley, Lily	1922
Bernstein, Mrs. Solomon.		cBottomley, Phyllis Margaret (Mrs. Arthur White)	1924
See Bernhardt, Elsie S.		cBottomley, Ruth	1926
Berry, Annie	1913	cBottomley, Sarah Ellen	1917
cBerry, Constance Alice	1920	cBowden, Beatrice Serena (Mrs. Harold Hughes)	1925
cBerry, Edith Mary (Mrs. George North)	1918	Bowden, Mrs. John.	
cBerry, Ellis	1933	See Walmsley, Elizabeth A. M.	
cBerry, Mary Diana Royale	1932	cBowden, Marjorie	1927
cBerryman, James Septimus	1921	Bowen, Mrs. D. E.	
cBesso, Betty Eileen	1928	See Blakeway, Janet M.	
Besso, Mrs. S. L. See Simon, Nora		cBowker, Minnie Freda	1922
acBest, Rachel	1897	Bowtell, Louisa Minnie	1903
cBest, Ruth	1928	cBoyd, Ethel Dalziel	1925
cBeswick, Sarah	1930	Boyle, Mrs. See Weston, Elsie M.	
Betten, Mrs. Munro. See Woolfitt, Eva		cBracegirdle, Dorothy Winifred	1918
cBeving, Charles Adolphus Douglas	1933	cBradbury, Frank	1920
cBiddulph, Irene Mary	1932	cBradbury, Ronald	1929
cBillam, Olive Mary	1930	Bradley, Florence Margaret (Mrs. Rydall)	1902
cBillington, Thomas	1930	cBradley, Gladys Lillian	1921
cBilborrow, John Leslie	1929	*Bradley, Mary Melicent	1916
cBinrose, Arthur Eric	1926	Bradley, Mrs. See Dinis, Marjorie	
cBirch, Doris (Mrs. G. E. Pearson)	1916	cBradshaw, Mary Annabel	1932
cBirch, Elsie	1924	cBradshaw, Rhoda	1931
cBirch, Sarah (Mrs W. D. Hull)	1888	cBrady, Mildred	1929
ABirchall, Minna (Mrs. T. E. Neal)	1901	cBramfit, Eric Pembroke	1933
cBirchall, Arthur Leslie	1931	cBramley-Moore, Evangeline	1894
cBird, Lancelot William	1898	Brammall, Mrs. See Jackson, Mary M.	
cBird, Rena Campbell	1932	cBramwell, Ronella Mary	1930
Birkhead, Alice	1900	cBrankin, James	1931
cBirley, Barbara Fernandes	1933	Brash, Charlotte Agnes	1900
curley, Hugh Ronald Chekester	1901	cBrayford Harry Barnes	1922
cBirtles, Alfred	1927	cBrayshaw, Austin	1921
cBirtwell, Miles Emmett	1931	cBrayshaw, Kathleen Orrey	1924
Bishop, Sarah Ellen	1896	cBreaky, Marie Alfreda	1924
cBlack, Kathleen Mary	1925	cBrennan, Hannah	1927
Black, Margaret Eleanor	1926	ABrentnall, Alice Marian	1900
Blackburn, Norah	1930	cBrentnall, Beatrice Amnye	1933
cBlackith, Enid	1931	acBretton, Neville	1898
Blackledge, Katherine	1896	cBretherton, Ann	1922
cBlackledge, Mary Dorothy (Mrs. Daniels)	1917	2Brewis, John Thomas, B.D.	1904
Blackshaw, Roland	1911	cBridge, Doris Mary	1920
cBlair, Arthur Fearnley	1930	cBridge, Stanley Kirkland	1931
Blakeway, Janet Maud		Brice, Edith	1913
(Mrs. D. E. Bowen)	1911	cBriggs, Arnold Russell	1930
cBlamire, Winifred (Mrs. Denis Hegan)	1922	Briggs, Charles Lionel	1898
Bland, Mrs. R. See Provost, Ethel		Briggs, Ernest	1903
cBlease, Margaret	1930	Briggs, Maude (Mrs. F. T. Chapman)	1901
Blewin, Edith Mary	1902	Briggs, Richard Ward	1922
Blov, Marion Edna	1908	Briggs, Mrs. R. W. See Jones, Norah A.	

1 Head Master, Grey Mare Day Continuation School, Openshaw, Manchester.

2 Principal of the Methodist College, Victoria Park, Manchester.

\* Honours student awarded ordinary degree on grounds of ill-health.



## B.A.—continued.

	Date of Degree		Date of Degree
cBrightman, John Richard ... ..	1930	Burkhardt, Mrs. G. N. ... ..	
cBrindle, Elsie ... ..	1917	See Bell, Caroline M.	
cBritten, Arthur George Richard ... ..	1929	See Pearson, Katie M.	
cBritton, Lewis John, B.D. ... ..	1924	Burley, Leo Le Gay ... ..	1897
Britton, Mrs. L. J. ... ..		cBurman, Gertrude Leslie ... ..	1915
See Burgess, Matilda L.		Burman, Sarah ... ..	1898
Broadbent, Ethel Beatrice ... ..	1904	Burn, Helen ... ..	1901
cBroadbent, Florence Mabel ... ..		Burnet, Mrs. J. H. ... ..	
(Mrs. G. J. Straw) ... ..	1921	See Buntly, Mary	
cBroadbent, Walter Donald ... ..	1927	cBurnett, Harold Young ... ..	1922
cBroadhurst, Sarah Evelyn ... ..	1932	Burnley, William Ewart ... ..	1899
ABrodmeier, Edith Lily ... ..		Burrow, Alice ... ..	1911
(Mrs. W. G. Wightman) ... ..	1900	cBurrows, Margaret Alice ... ..	1932
cBromiley, Norman Elston ... ..	1931	Burrows, Norcross ... ..	1884
cBromley, Ernest John ... ..	1933	cBurton, Frank ... ..	1932
cBrooke, Joyce Mary ... ..	1932	Burton, Marguerite Rachel ... ..	
cBrooks, Constance, Ph.D. ... ..	1925	(Mrs. G. E. Weston) ... ..	1899
cBrooks, Edith ... ..	1927	cBurton, Mary (Mrs. F. C. Ormerod) ... ..	1917
Brooks, Elsie ... ..	1914	cBurton, Olive May (Mrs. L. M. Webb) ... ..	1918
cBrooks, Elsie ... ..	1932	cBurt, Annie Emma Louise ... ..	1928
cBrooks, Nellie ... ..	1928	Butterfield, Edith Mary ... ..	1913
Brooks, Selina ... ..	1910	cButterworth, Stanley ... ..	1933
Brooks, Mrs. See Sharple, North		cButtrick, George Arthur ... ..	1915
cBrookshaw, Amy Mary ... ..	1925	cBuxton, Frank Louis ... ..	1913
cBroon, Dorothy ... ..	1922	Buyse, Mrs. M. T. ... ..	
cBroster, William Shuffebotham ... ..	1922	See Hulme, Elizabeth I.	
cBrotherton, Francisco Ferrer ... ..	1932	Byrne, Mrs. G. ... ..	
cBrown, Agnes ... ..	1926	See Walther, Florence A.	
cBrown, Allan Miller ... ..	1922	cByrne, John ... ..	1932
Brown, Caroline Mary ... ..	1901	cByrom, Margaret Elizabeth ... ..	1933
cBrown, Effie Margaret ... ..	1929	Byrom, William ... ..	1913
cBrown, Elizabeth ... ..	1928	Byron-Scott, Mrs. ... ..	
cBrown, Ida Margaret (Mrs. Johnson) ... ..	1923	See Greenwood, Mary A.	
cBrown, Phyllis Worden ... ..	1917	cByway, Alice Doris Akers ... ..	1926
cBrown, Reta Wilson ... ..	1930	cCahill, Thomas Joseph ... ..	1931
cBrown, Robert, B.D. ... ..	1930	cCain, Florence Ruth ... ..	1928
cBrown, Wilfrid Wheeler ... ..	1915	Caldecote, Florence (Mrs. Henry Keate) ... ..	1911
Brown, Mrs. See Hartley, Harriett A.		cCalder, Ralph Forman Godley, B.D. ... ..	1927
cBrowne, Ena ... ..	1927	Calderbank, Helen ... ..	1917
Browning, May ... ..	1912	cCalderwood, Gertrude (Mrs. Houston) ... ..	1914
ABrownson, Alfred Lever, LL.B. ... ..	1895	cCaldwell, John Frederick ... ..	1931
Brownson, George Leigh ... ..	1902	cCaldwell, Joseph Arnold, B.D. ... ..	1924
cBruce, Isabella Grassie ... ..	1930	cCallender, Cecil Margaret Romaine ... ..	1898
cBruckshaw, Agnes Ellen ... ..	1922	Callis, Mrs. F. B. ... ..	
cBrunton, Florence ... ..	1928	See Mauners, Winifred M.	
cBryson, Mrs. Robert. ... ..		Calverley, Vera ... ..	1913
See Allard, Gwendoline		cCalvert, Thomas ... ..	1930
Buck, Gertrude Barbara ... ..		cCamm, William Arthur ... ..	1928
(Mrs. A. W. Richardson) ... ..	1901	cCampbell, Emma Margaret ... ..	1896
cBuckley, Annie ... ..	1917	cCampbell, Evelyn Mary ... ..	1925
cBuckley, William Henry ... ..	1914	cCampbell, Janie (Mrs. F. Tattersfield) ... ..	1919
Budenberg, Janet Selma ... ..	1922	Campbell, Violet Smith ... ..	
cBuffy, Grace Elizabeth ... ..	1926	(Mrs. A. W. Russell) ... ..	1900
Bulcock, Harry, B.D. ... ..	1900	Candler, Albert Henry ... ..	1914
cBullivant, Robert Andrew ... ..	1932	Cardwell, Mrs. D. ... ..	
cBullock, Amy (Mrs. G. L. Stringer) ... ..	1924	See Rohleder, Frances M.	
Bullough, Alice ... ..	1907	Cardwell, Mary Nettleton ... ..	
cBullough, Audrey Lilian ... ..	1931	(Mrs. L. B. Ryder) ... ..	1923
cBullough, Edith ... ..	1923	Carey, James ... ..	1897
Bullough, Joseph ... ..	1910	cCarey, Lucy Agnes ... ..	1926
Bullough, Louisa ... ..	1903	cCarrill, Eleanor Lonsdale ... ..	1928
cBullough, William ... ..	1921	Carr, Mrs. C. T. See Roscoe, Marion F. H.	
cBundey, Stanley Isaac Deavin ... ..	1930	cCarr, James Stanley ... ..	1919
cBunting, Hilda Mary (Mrs. M. Shepherd) ... ..	1922	cCarruthers, Joseph ... ..	1929
Bunting, Mrs. S. See Nunn, Florence		Carter, Annie Constance ... ..	
cBurgess, Claude Bramall ... ..	1930	(Mrs. H. Carter) ... ..	1922
cBurgess, Ethel ... ..	1926	cCarter, Catherine ... ..	1912
cBurgess, Hilda (Mrs. G. Thompson) ... ..	1916	cCarter, Cecilia ... ..	1931
Burgess, Lillie (Mrs. Harvey) ... ..	1902	Carter, Effie ... ..	1926
cBurgess, Mary Lloyd ... ..	1933	Carter, Mrs. H. See Carter, Annie C.	
cBurgess, Matilda Lucinda ... ..		Carter, Hilda Mary (Mrs. Daik) ... ..	1903
(Mrs. L. J. Britton) ... ..	1926	Carter, Mrs. L. See Parkinson, Elizabeth	

1 Head Master, Plymouth Secondary School.

\* Honours student awarded ordinary degree on grounds of ill-health.

† M.B.E.

B.A.—continued.

	Date of Degree		Date of Degree
Carter, Mabel ... ..	1921	cClark, Margaret Alice ... ..	1933
crCarter, Nellie ... ..	1921	cClark, Nellie ... ..	1898
cCarter, Norah ... ..	1921	cClarke, Elaine ... ..	1932
cCartwright, Albert ... ..	1931	Clarke, Ernest Bradshaw ... ..	1911
cCartwright, Edna ... ..	1930	cClarke, Grace Edith ... ..	1922
cCartwright, Emily ... ..	1907	Clarke, Hebe ... ..	1913
cCarty, Doreen ... ..	1928	Clarke, Katharine ... ..	1904
Castley, Mrs. R. See Walwyn, Helen L.		cClarke, Katharine Marci ... ..	1931
cCaton, Walter Raymond ... ..	1932	cClarke, Kathleen ... ..	1923
cCatterall, John Herbert ... ..	1896	cClarke, William ... ..	1932
cCatton, Annie Sarah ... ..	1911	Clarkson, Elsie ... ..	1920
cCausey, Alice Adeline ... ..	1924	cClarkson, Joan Handley ... ..	1931
cCavanagh, Bernard ... ..	1922	cClaydon, Mrs. See Viuer, Mary	
Chadwick, Caroline ... ..	1903	cClayton, Dora ... ..	1929
cChadwick, Dorothy Margaret ... ..	1931	Clayton, Edith ... ..	1904
Chadwick, Edith Dorothy ... ..	1907	cClayton, Edith ... ..	1930
cChadwick, Edna May ... ..	1932	Clayton, Norman ... ..	1909
cChadwick, Gilbert ... ..	1924	cClegg, Doris Mary ... ..	1929
cChadwick, John ... ..	1929	cClegg, Helen Gwendoline ... ..	1933
cChadwick, Thomas ... ..	1915	cCleves, Maggie ... ..	1928
cChadwick, Thomas ... ..	1922	cCliff, Dorothy Alice	
cChaffer, Isabel ... ..	1920	(Mrs. A. G. Pomeroy) ... ..	1915
cChallenor, Irene Monica		Clift, Francisco Caroline ... ..	1908
(Mrs. E. L. Horsburgh) ... ..	1917	cCliff, Margaret Elaine ... ..	1933
cChalliner, Marjorie Elizabeth ... ..	1931	Clift, Rose Gertrude	
Chalmers, Mrs.		(Mrs. John Priestnall) ... ..	1904
See Waddington, Dorothy		cClift, Edgar Llewelyn ... ..	1928
Chamberlain, Irene Maude Tankerville	1914	cClift, Mabel Louisa ... ..	1923
Chambers, Ethel ... ..	1899	cClitheroe, Amy ... ..	1922
cChambers, Mary Evelyn		cClitheroe, Marjorie	
(Mrs. T. T. Sandison) ... ..	1922	(Mrs. J. F. Lockwood) ... ..	1926
cChampion, George Henry James ... ..	1930	cClitheroe, Muriel Emma ... ..	1925
cChamphess, Kathleen Sinclair ... ..	1931	cClough, Doris May ... ..	1917
cChandley, Silvia Dorothy ... ..	1901	Clough, Lilian Mary ... ..	1909
cChannell, Dorothy ... ..	1924	cClulow, Arnold Harrison, B.D. ... ..	1929
cChant, Herbert ... ..	1921	cCoan, Mary Veronica ... ..	1925
cChantler, Percy ... ..	1922	*3Coatman, John ... ..	1915
cChantler, Philip ... ..	1933	Cockcroft, Clement Randolph ... ..	1909
cChaplow, Joseph Richard ... ..	1924	Cockrill, Mrs. See Bendall, Mary C.	
Chapman, Mrs. F. T.		Cocks, Mabel Angelina	
See Briggs, Maude		(Mrs. H. H. Mottram) ... ..	1904
cChapman, George ... ..	1926	Cocks, Maud Gertrude (Mrs. Cottier) ... ..	1914
cChapman, Harold Charles ... ..	1923	cCohen, Dora Gertrude ... ..	1927
cChapman, Orlando Hudson ... ..	1928	cCohen, Mary ... ..	1933
cChapman, Thomas ... ..	1927	cCole, Hylda Constance ... ..	1896
cChapman, Walter Christopher ... ..	1932	cCole, Ruth ... ..	1915
Chapman, Mrs. See Holmes, Ethel		cColeman, Frank Odell ... ..	1918
cChard, Edith Annie ... ..	1897	Collett, Mrs. G. A.	
cCharnock, James ... ..	1915	See Houghton, Dorothy	
Charnock, Mrs. J.		cCollier, Alice ... ..	1929
See Wadsworth, Amy		cCollier, Donald ... ..	1911
Charsley-Howard, Thomas Godwin ... ..	1897	cCollingwood, Beryl Maud ... ..	1933
cChatterton, Harnet Dorothy ... ..	1927	cCollins, Clara (Mrs. J. G. Barratt) ... ..	1906
cChatterton, Hilda ... ..	1929	Collins, Mary ... ..	1901
Cheatle, Herbert John ... ..	1898	Collins, Mary Catherine ... ..	1896
cCheckley, Harry Hulton ... ..	1921	Collins, Mrs. R. See Fairhurst, Rhoda	
cCherry, John ... ..	1927	cCollinson, Katherine Margaret ... ..	1932
Cherry, Mrs. P.		cCompton, Olive ... ..	1926
See Geake, Catherine M.		cConcannon, Margaret Rosaleen ... ..	1933
cChester, Dorothy Mary ... ..	1918	cCondliffe, Edith Alice (Mrs. Ing) ... ..	1923
Chesworth, Nellie ... ..	1913	cConnell, Richard John, B.D. ... ..	1929
cChettle, Joan (Mrs. W. G. Weston) ... ..	1929	cConnolly, Cecilia ... ..	1933
cChew, Doris Nield ... ..	1918	cConnolly, Clara Josephine ... ..	1928
acChisholm, Catherine, M.D. ... ..	1898	cConnolly, Joseph Bernard ... ..	1923
Chisholm, Elizabeth Phillips ... ..	1902	cConnor, Beatrice Harriet (Mrs. Reichel) ... ..	1921
Chisholm, Emily ... ..	1903	cConnor, Dorothy Augusta ... ..	1917
cChorley, Marion Grace ... ..	1932	cConnor, Herbert Pearse, B.D. ... ..	1925
Clague, Nessie Catherine ... ..	1905	c4Connor, James, B.D. ... ..	1920
Clark, Mrs. J. B. See Cotton, Edith M.		cConnor, Joseph Eric ... ..	1932

- 1 Head Mistress, Girls' Central School, Ashton-in-Makerfield.
  - 2 Head Mistress, Workington Central School, Cumberland.
  - 3 Professor of Imperial Economics in the University of London.
  - 4 Head Master, Fulneck School, Fulneck, Leeds.
- \* Awarded Indian Police Medal.

B.A.—continued.	Date of Degree	Date of Degree	
cConstantine, Leonard ... ..	1928	Crowe, Eleanor Gertrude ... ..	1901
cCoogan, Mary Francisca ... ..	1933	cCuerdon, Albert Victor ... ..	1923
cCook, Lorna ... ..	1926	cCullen, Leslie Stuart ... ..	1931
cCooke, Annie Freda ... ..	1929	cCulshaw, Kathleen Hannah ... ..	1929
cCooke, Esme Selwood ... ..	1931	cCummings, Robert Gerard ... ..	1932
cCooke, Leslie Edward, B.D. ... ..	1930	cCurtin, Sylvia Stella ... ..	1925
cCooke, Reginald Garforth, LL.M. ... ..	1920	cCutcliffe, Mary ... ..	1933
cCooke, Sybil (Mrs. A. N. Hickling) ... ..	1925	cCuthbert, Derrick ... ..	1932
cCookson, Phyllis Mary ... ..	1926	Cuttill, Kathleen (Mrs. R. P. Hitchin) ... ..	1912
cCoomber, Henry Hastings ... ..	1928	cDack, Isabel (Mrs. R. Atterton) ... ..	1924
cCooper, Dorothy Rose ... ..	1925	cDalby, Hilda Florence ... ..	1925
Cooper, Mrs. F. B. See Gregory, Lillie		AcDale, Clara Martha (Mrs. Frank Perrot) ... ..	1896
cCooper, Marjorie Mary ... ..	1930	Dale, Mary Isabella ... ..	1903
cCope, Norman Atkins ... ..	1932	cDallimore, Jane ... ..	1920
Copeman, Mrs. See Sackur, Margaret R.		cDaniels, Nina ... ..	1928
cCorbett, Emily Margaret		cDaniels, Hilary Barbara ... ..	1928
(Mrs. Galloway) ... ..	1924	Daniels, Mrs. See Blackledge, Mary D.	
cCornelius, Edna ... ..	1926	cDarby, Rowland Birchall ... ..	1927
Cotes, Thomas Llanfair ... ..	1910	Dark, Mrs. See Carter, Hilda M.	
Cotes, Mrs. See Thomas, Esther T.		Darling, Mrs. See Hodge, Dorothy	
cCottam, Emily ... ..	1924	Darricotte, Mrs. G. H.	
Cottier, Mrs. See Cocks, Maud G.		See Crosland, Dorothy	
cCotton, Edith Margery		Daughtry, Edith Irene	
(Mrs. J. B. Clark) ... ..	1927	(Mrs. B. T. Hebert) ... ..	1912
cCottrell, Nora ... ..	1933	cDavenport, Annie Elizabeth	
Cottrell, Rhoda ... ..	1910	(Mrs. Forster) ... ..	1918
cCowan, Lullie Brabazon ... ..	1931	cDavenport, Mary Isobel ... ..	1932
cCowan, Maureen Brabazon ... ..	1926	cDavidson, John Percival ... ..	1930
cCoward, Frederic Edward ... ..	1931	Davidson, Margaret ... ..	1901
Coward, Milburga Scott		cDavie, Andrew Fowler ... ..	1922
(Mrs. C. G. Mackay) ... ..	1898	cDavies, Ben ... ..	1922
cCowell, Hilda ... ..	1926	cDavies, Benjamin Joseph ... ..	1932
Cowley, Mrs. D. H. See Nutter, Freda		cDavies, Catharine Mary Wollaston ... ..	1910
cCowlin, Dorothy ... ..	1932	cDavies, Doris ... ..	1927
Cowlshaw, Mrs. See Gibson, Louisa		Davies, Mrs. D. J. See Worrall, Bessie	
Cowpe, Mrs. See Sanders, Muriel		ADavies, Ernest Edward Dentith, M.Sc.	1893
Cox, Frank ... ..	1908	cDavies, Gwladys Winifred ... ..	1927
Coxhead, Mrs. See Kelly, Margaret D.		cDavies, Kitty Powell ... ..	1927
Coxson, Esther Shelmerville ... ..	1904	cDavies, Leslie Morris ... ..	1933
cCrabtree, Arthur Bamford ... ..	1933	Davies, Marion Marchant (Mrs. Lees) ... ..	1911
cCrabtree, Harry Holden ... ..	1913	cDavies, Mary Margery Margaret ... ..	1917
ACrabtree, James Fox ... ..	1892	Davies, Mrs. M.	
cCrabtree, Luther ... ..	1916	See Thomason, Elizabeth A.	
cCraggs, Sallie (Mrs. J. T. Hilton) ... ..	1928	Davies, Mrs. See Raven, Hilda M.	
Craig, Elsie ... ..	1902	Davies, Samuel Lloyd ... ..	1895
cCraig, Patrick Edward Septimus, B.D.	1930	Davies, Thomas Hafren ... ..	1908
Cranwill, Emily ... ..	1902	Davies, Thomas Lewis ... ..	1912
Craven, Clara ... ..	1906	Davies, William Claude Howard, B.D.	1910
Craven, Mrs. F. H.		cDavies, William Solva, B.D. ... ..	1916
See Dishart, Ellen H.		Davies, Mrs. W. T. See Lucan, Amy	
Crawford, Herbert Lindsay ... ..	1912	cDavison, Frederick ... ..	1929
cCrawshaw, Charles Herbert ... ..	1916	cDawson, Evelyn ... ..	1922
Crawshaw, Kate ... ..	1902	cDawson, Frances ... ..	1918
Crawshaw, Margaret ... ..	1903	Dawson, Margaret ... ..	1903
cCrawshaw, Phyllis May ... ..	1930	Dawtrey, Henry ... ..	1901
Craze, Bessie (Mrs. S. B. Johnson) ... ..	1898	cDay, Kathleen Agnes Elliott ... ..	1928
Creer, William Henry ... ..	1902	cDean, Christabel Margaret	
Crichton, Elizabeth Shankland		(Mrs. Ridgway) ... ..	1926
Crichton, Mrs. See Ainslie, Hester W.		cDean, Dorothy Susan ... ..	1930
cCridlan, Nancy Mary		cDean, Ernest Lloyd ... ..	1930
(Mrs. L. J. Henderson) ... ..	1929	Dean, Mrs. J. B. See Thomas, Dilys M.	
AcCrompton, Andrews ... ..	1890	cDean, Winifred Mary ... ..	1929
cCrompton, Richmal Irene ... ..	1923	cDenpsey, Annie Mary ... ..	1922
cCromshaw, Phyllis ... ..	1930	cDenard, Evelyn ... ..	1932
cCrook, Reynard Matthew ... ..	1933	cDenning, James Reginald ... ..	1931
Crosfield, Mrs. H. See Emmott, Mary K.		cDennis, Leslie Henry ... ..	1933
Crosland, Dorothy (Mrs. G. H. Darricotte) ... ..	1912	cDent, Hilda Marjorie ... ..	1930
cCross, Doris Louisa ... ..	1922	Dent, John ... ..	1912
cCrossfield, Jessie ... ..	1926	AcDerby, Emily ... ..	1899
cCrossley, Evelyn Leggo ... ..	1929	cDerbyshire, Marjorie (Mrs. J. A. Petch) ... ..	1922
cCrossley, Hettie Hartley ... ..	1915	cDevons, Nina ... ..	1933
cCrossley, Thomas Adams ... ..	1922	Dewar, Mrs. Lindsay.	
		See Hudson, Edith M.	

B.A.—continued.

	Date of Degree		Date of Degree
cDewhirst, Phyllis ... ..	1928	cEastwick, Rowland ... ..	1923
cDiamond, Catherine Mary ... ..	1933	cEastwood, Alice Lancaster ... ..	1916
Dibben, Lila Brodie ... ..	1907	cEastwood, Dennis Townend ... ..	1929
cDicks, Cecil Charles ... ..	1929	cEastwood, Hilda Mary ... ..	1930
Diggle, Elizabeth ... ..	1909	Eastwood, John Hastings ... ..	1899
Diggle, Mrs. H. F. See Jackson, Mary C.		cEastwood, Kathleen Margaret ... ..	1924
cDilks, John Stuart ... ..	1931	cEckersley, George ... ..	1923
Dilworth, Mrs. J. See Wrigley, Edith		cEckersley, Stanley ... ..	1925
Dimmock, John ... ..	1907	cEcroyd, Henry Russell ... ..	1927
cDinnis, Marjorie (Mrs. Bradley) ... ..	1925	cEdden, Marion Sarah ... ..	1933
Dishart, Ellen Holliday		cEddy-Jones, Joseph Arthur ... ..	1922
(Mrs. F. H. Craven)	1903	Edge, Mrs. Vernon.	
cDives, Marjorie ... ..	1925	See Grant, Constance N.	
cDix, Edith Marjorie ... ..	1927	Edmonds, Stanley Herbert	1904
Dixon, Annie ... ..	1900	cEdmondson, Norman ... ..	1933
cDixon, Frank Simon ... ..	1921	cEdmondson, Joan Wigham ... ..	1928
Dobson, Alan ... ..	1920	Edwards, Edith Louise ... ..	1908
cDobson, Catherine Mary Jane Alice		Edwards, Gwendolen ... ..	1904
(Mrs. F. J. Wagener)	1922	cEdwards, James Alfred ... ..	1930
Dobson, Constance (Mrs. Wheatley) ... ..	1899	Edwards, Mrs. J. W.	
cDobson, Gilbert Gordon ... ..	1931	See Litchfield, Agnes M.	
cDobson, Hilda Frances ... ..	1924	cEdwards, Mary Elmor Isabel ... ..	1919
Dobson, Howard ... ..	1912	cEgerton, Janet Drummond ... ..	1923
cDobson, Jessie ... ..	1927	Ellenbaum, Arthur ... ..	1911
cDobson, Martha Helena ... ..	1917	cEllerington, Alfred Herbert ... ..	1923
AcDockray, Kenneth Titus Smalley ... ..	1895	cElliott, Cyril Broadwood ... ..	1931
Dodd, Emmeline Beatrice ... ..	1896	cElliott, Lucy ... ..	1919
ADodd, James ... ..	1901	cElliott, Roy ... ..	1933
cDodd, Raymond ... ..	1927	Ellison, Florence ... ..	1890
Doherty, Patrick Joseph ... ..	1914	*Elstob, Wilfrith ... ..	1909
Dorrington, Percy ... ..	1915	Emmett, Mrs. Eric. See Hulme, Doris S.	
Douglas, Mrs. F. T. See Gowan, Alice M.		Emmett, Mary Elton (Mrs. Bennett) ... ..	1912
cDouglas, Lillian ... ..	1924	Emmott, Mary King (Mrs. H. Crosfield)	1904
Douglass, Mrs. A. See Baines, Ethel		cEnglesberg, Bernard ... ..	1933
Dowler, Helen (Mrs. W. S. Fairbrother)	1903	cEntwistle, Harry ... ..	1930
Draycott, Edwin George ... ..	1908	Epstein, Mrs. E. M. See Yoffey, Sarah	
cDredge, Phyllis Margery		Eva, Mrs. See Sandiford, Mary ... ..	
(Mrs. Thomas Nutter)	1927	Evans, Daniel Emlyn ... ..	1896
cDrescher, James Anthony ... ..	1922	cEvans, Edith May ... ..	1930
cDrinkwater, Charles Yarwood ... ..	1930	Evans, Evan ... ..	1898
Drinkwater, Lilas (Mrs. E. Nightingale)	1910	cEvans, Frank Wilfred ... ..	1931
cDrury, Evelyn ... ..	1930	cEvans, Geoffrey John ... ..	1933
cDrury, James Harold ... ..	1931	Evans, George, B.D. ... ..	1908
cDrury, Winifred Elsie ... ..	1926	Evans, George Arthur, B.Sc. ... ..	1910
Duck, Mrs. See Ruder, Kathleen E. I.		cEvans, Grace Margaret ... ..	1926
cDuckworth, Marion ... ..	1926	cEvans, Harold Hartley ... ..	1924
cDuckworth, Muriel Downs		cEvans, Hilda Eleanor ... ..	1930
(Mrs. E. J. R. Grietens)	1928	Evans, Mrs. H. See Taylor, Ruth	
cDuckworth, Sybil ... ..	1925	AEvans, John ... ..	1901
cDuddle, Marion Elizabeth ... ..	1920	AEvans, Samuel Ernest ... ..	1897
cDuffy, Annie ... ..	1923	Evans, Susannah ... ..	1902
cDuffy, John ... ..	1926	cEvans, Thomas Hanna Aitken ... ..	1927
Dugdale, Florence Martha ... ..	1910	cEvans, William Newton ... ..	1930
cDugdale, Marion ... ..	1926	Evans, Mrs. See Ridyard, Bertha	
cDuguid, Gladys (Mrs. H. H. Hilton) ... ..	1920	cEwbank, James Herbert, B.D. ... ..	1914
Duguid, Mrs. See Ingham, Kathleen W.		cEwen, Katharine Horth Gordon ... ..	1923
cDullard, Norah ... ..	1932	cEyers, Muriel ... ..	1931
cDunbar, Jessie ... ..	1929	cEyre, Arthur Rowland ... ..	1925
cDuncan, Margaret Catherine ... ..	1930		
cDuncan, Phyllis Weir ... ..	1922	Fairbrother, Mrs. F.	
cDuncan, Sophia Ramsay ... ..	1923	See Paiton, Laura L.	
Dunlop, Mrs. See Maxwell, Helen B. S.		Fairbrother, Jessie ... ..	1903
cDurrant, Francis Alfred Ward ... ..	1933	Fairbrother, Percy Thomas ... ..	1893
cDutton, Ethel ... ..	1902	Fairbrother, Mrs. W. S.	
cDutton, Fred ... ..	1916	See Dowler, Helen	
cDuxbury, Alice ... ..	1929	Fairhurst, Rhoda (Mrs. R. Collins) ... ..	1909
cDwyer, Mary Josephine ... ..	1927	cFairweather, Ruth Evelyn ... ..	1931
cDyson, Elaine ... ..	1931	Fallowfield, Annie Gertrude	
		(Mrs. Benjamin Ball)	1893
cEager, Mary Mildred ... ..	1927	Fallowfield, Honoria Constance ... ..	1911
cEarlam, Marjorie ... ..	1929	Farmer, Amy Margaret ... ..	1905
Earnshaw, Mrs. A. See Seddon, Helen		Farmer, Euphemia Lethbridge	
Earnshaw, Elizabeth ... ..	1908	(Mrs. Morrison)	1901
cEaston, Hilda ... ..	1933	cFarrar, Elsie ... ..	1932

\* Awarded V.C. for heroic defence of Manchester Hill, March 21st, 1918; D.S.O.; M.C.

† M.B.E.

B.A.—continued.	Date of Degree	Date of Degree	
cFarrington, Geoffrey ... ..	1933	cFoy, John Humphrey ... ..	1932
cFaulkner, William Tetlow ... ..	1931	cFoy, Margaret ... ..	1924
cFawcett, Grace Raine ... ..	1930	cFrame, Thomas Randolph ... ..	1928
cFawcett, Hannah Mary ... ..	1932	cFrancke, Bernard ... ..	1933
cFee, Kathleen ... ..	1932	Frankenburg, Mrs. M. F. See Nathan, Elise M.	
cFenby, Alexander Starnier ... ..	1925	Frankland, Lillian Winifred (Mrs. C. E. Thomson)	1903
cFerguson, Mary Marjorie ... ..	1918	cFranks, Beryl (Mrs. M. D. Gaster) ... ..	1926
cFerguson, William Miller ... ..	1920	Fraser, Dorothy (Mrs. Rogerson) ... ..	1914
cFernhough, Clifford, M.Ed. ... ..	1921	Freedman, Reuben ... ..	1914
Fernley, Florence ... ..	1903	Fry, Mrs. E. H. See Weston, Lillie	
cFidler, Sarah (Mrs. W. Hannah) ... ..	1919	Fullen, Harry ... ..	1893
cField, Doris Ida ... ..	1922	Fullerton, Thomas George ... ..	1902
cFieldhouse, Nora ... ..	1927	Fulton, Arthur ... ..	1913
cFielding, Dorothy Dixon ... ..	1932	cFurlong, Norman ... ..	1928
Fielding, Mabel ... ..	1909	Furlong, Mrs. Norman. See Holroyd, Agnes	
cFildes, Marion ... ..	1925	Furlong, William Clarke ... ..	1913
cFinch, Charles Douglas ... ..	1933		
Findlay, George Hindson ... ..	1903		
cFindlay, Mary Myfanwy (Mrs. Hedley Hodkin)	1931	*Galbraith, Vivian Hunter ... ..	1910
cFindlow, Jack Bernard ... ..	1931	Galloway, Mrs. See Corbett, Emily M.	
cFirth, Edna (Mrs. W. A. Clegg) ... ..	1910	cGandy, Kathleen ... ..	1930
cFirth, Lily (Mrs. R. T. Smith) ... ..	1927	cGarbutt, Elaine ... ..	1919
aFirth, Margaret Ann (Mrs. Herbert Oates)	1896	cGarfield, Alice ... ..	1931
cFish, George Holden ... ..	1925	aGarlick, Winifred ... ..	1906
cFisher, Constance Mary ... ..	1918	cGarnett, Charles ... ..	1919
Fisher, Frederick Broughton ... ..	1904	cGarnett, Linda ... ..	1923
cFisk, Cyril Ayden ... ..	1932	cGarnett, Nora Kathleen ... ..	1922
cFitton, Ernest ... ..	1923	Garrard, Barbara Mary (Mrs. S. C. Moffett)	1911
Fitton, Phyllis Mary ... ..	1928	cGarrett, Emma Mary ... ..	1928
cFitzgerald, Eileen Katherine ... ..	1928	Garside, Bortha ... ..	1902
cFleming, Mabel (Mrs. Wadsworth) ... ..	1917	cGarside, Marion Schofield ... ..	1917
Fleming, William Cowan ... ..	1890	cGaskell, Annie ... ..	1922
cFlemons, Douglas Gordon ... ..	1922	cGaskins, Emily Madge ... ..	1929
Fletcher, Annie Caroline (Mrs. J. E. Whittaker)	1901	Gaster, Mrs. M. D. See Franks, Beryl	
cFletcher, Charles ... ..	1933	cGatley, Amy (Mrs. Shingler) ... ..	1909
cFletcher, Dora ... ..	1931	cGaukroger, Kathleen (Mrs. P. D. Willcock)	1919
cFletcher, Dorothy Emma ... ..	1933	cGaul, Herbert Eric ... ..	1931
Fletcher, Harriet Mary ... ..	1902	cGawthrop, Vera ... ..	1925
cFletcher, Mary Winefride ... ..	1927	cGeake, Catherine Margaret (Mrs. P. Cherry)	1920
Flower, Mrs. W. See Webster, Mary E.		cGee, Edith Edna ... ..	1916
cFloyd, Lionel Rupert, B.D. ... ..	1924	George, Mrs. H. H. See Wellard, Marjorie	
cFoden, Joyce Mary ... ..	1925	cGibbons, Mary Margaret ... ..	1924
cFogg, Geoffrey ... ..	1928	cGibson, Donald Evelyn Edward ... ..	1931
Fogg, Nathan Hall ... ..	1909	cGibson, John Leighton ... ..	1915
Folkard, Muriel Bracewell ... ..	1904	Gibson, Louisa (Mrs. Cowlishaw) ... ..	1891
Forbes, Mary Cameron Gunn (Mrs. J. L. Haigh)	1897	cGibson, Sylvia Joan ... ..	1932
Ford, Ethel ... ..	1909	cGibson, Thomas Herbert ... ..	1919
Forrest, Archibald ... ..	1901	cGifford, Mary Bessie ... ..	1917
Forrester, Mrs. S. F. See Williamson, Lillian		cGillberg, Celia ... ..	1927
Forster, Mrs. See Davenport, Annie E.		cGill, Austin ... ..	1928
cForsyth, Donald Leslie ... ..	1927	Gill, Cecil Ernest ... ..	1922
Fortune, Alfred Price ... ..	1899	cGill, Eileen Mary ... ..	1932
Fortune, Mabel (Mrs. E. T. A. Stedeford)	1918	cGill, Frank ... ..	1932
cFoster, Elsie Kathleen ... ..	1895	Gilliat, Frederick ... ..	1912
Foster, Emily ... ..	1908	cGillin, Phyllis ... ..	1928
cFoster, Eva Muriel ... ..	1925	cGillmour, Gladys ... ..	1923
cFoster, Frank William ... ..	1930	cGillmour, Marjorie Glasgow, Mrs. Edwin	1928
cFoster, Muriel ... ..	1925	See Postance, Eva C.	
cFoster, Muriel Isobel ... ..	1928	Glasgow, George ... ..	1913
cFoster, Norah ... ..	1923	cGlassey, William ... ..	1931
cFoster, Ruth ... ..	1922	cGlen, Enid Isobel, Ph.D. ... ..	1923
Foster, Mrs. See Moore, Constance C.		cGlenecross, Arthur ... ..	1928
cFowden, Eileen Conway ... ..	1928	cGoddard, Wilfred Henry ... ..	1933
Fowler, Mrs. H. R. See Scott, Margaret		Goff, Mrs. N. T. See Watson, Dori	
cFox, Edna Alice ... ..	1926	Goldsmith, Herbert Francis ... ..	1915
cFox, John Reginald ... ..	1924	Goldstraw, Edith Alice ... ..	1906
cFox, Winifred Mary ... ..	1919		

1 Principal, New Missionary School, Ningpo, China.

\* Awarded Croix de Guerre.

B.A.—continued.

	Date of Degree
cGoldstraw, George Albert ... ..	1927
cGoldthorpe, Ruby May... ..	1928
cGoodall, Florence Rosa... ..	1924
cGoode, George ... ..	1923
cGoodreid, Dorothy ... ..	1929
cGoodwin, Cathleen Mary (Mrs. Wolstenholme) ... ..	1924
cGoodwin, Marianne Ellen ... ..	1931
cGoodwin, Percy Henry ... ..	1931
cGoodyer, Eileen Elizabeth ... ..	1930
cGordon, Clifford Joseph ... ..	1930
cGordon, Daisy Harris (Mrs. Jackson) ... ..	1913
cGordon, Robert Stanley ... ..	1919
cGorst, Annie (Mrs. Taylor) ... ..	1925
Gough, Sarah (Mrs. G. E. Hayward) ... ..	1913
cGould, Beatrice Marion ... ..	1927
cGould, Madeleine Elizabeth ... ..	1924
Gowan, Alice Margaret (Mrs. F. T. Douglas) ... ..	1905
Gowan, Edith Mary ... ..	1903
cGowanlock, Reginald ... ..	1926
cGower-Jones, Alfred ... ..	1930
cGower-Jones, Pauline Louise (Mrs. J. L. Merrett) ... ..	1929
Gowthorpe, Mrs. R. C. See Bailey, Bertha	
cGraham, Rachel (Mrs. P. D. Sturge) ... ..	1923
Grant, Constance Neville (Mrs. Vernon Edge) ... ..	1912
cGrant, Emily ... ..	1928
cGrant, Frieda ... ..	1933
Gray, Arabella Hyde Janet Ethel ... ..	1897
Gray, Catherine Isabella (Mrs. Welpton) ... ..	1904
cGreaves, Edith Helen (Mrs. J. H. Race) ... ..	1922
cGreaves, Kathleen Mary ... ..	1927
Greaves, Mary Helena ... ..	1900
Green, Mrs. See Swithenbank Dora	
cGreen, Mrs. C. S. See Johnson, Emily	
Green, Lucy Mary ... ..	1929
AGreen, Mary Katharine ... ..	1895
cGreen, Muriel ... ..	1926
Green, Percy Charles ... ..	1899
cGreenhalgh, Margaret Helen ... ..	1929
cGreenhalgh, Nancy Forrest ... ..	1932
Greenhough, Mrs. C. H. See Keyte, Emily	
cGreenway, Ruth ... ..	1930
cGreenwood, Amy ... ..	1927
cGreenwood, Edith ... ..	1928
cGreenwood, Ethel ... ..	1932
cGreenwood, John ... ..	1891
cGreenwood, John Henry ... ..	1932
cGreenwood, Mary Antoinetta (Mrs. Byron-Scott) ... ..	1922
cGreenwood, Muriel Pearl ... ..	1926
cGreaves, Frederic ... ..	1924
cGregory, Lillie (Mrs. F. B. Cooper) ... ..	1922
cGregory, Lucy ... ..	1933
cGregory, Ruth Annie ... ..	1928
cGrey, Natalie Maud ... ..	1932
cGribbin, Patricia Rose ... ..	1933
cGrice, Eva (Mrs. R. A. West) ... ..	1921
Griens, Mrs. E. J. R. See Duckworth, Muriel D.	
cGriffiths, Margaret Mary ... ..	1923
cGriffiths, Mary ... ..	1932
cGrune, John Ernest, B.D. ... ..	1906
cGrune, Kate ... ..	1920
cGrimshaw, Edith ... ..	1919
cGrundrod, Hilda ... ..	1926
Grosskopf, Gladys Edith ... ..	1914
Grundy, Allan Wilson ... ..	1898
cGrundy, John ... ..	1925

cGrundy, William Hurst Roy, LL.B. ... ..	1917
cGulbenkian, Virginia Annahid ... ..	1931
cGunson, Edith (Mrs. Knight) ... ..	1922
Hacking, Margaret Atherton (Mrs. Howard Banks) ... ..	1898
cHadfield, Dora ... ..	1903
Hadfield, Ellen (Mrs. Arthur Walker) ... ..	1904
cHagan, Rose Denise ... ..	1933
cHaggas, Annie ... ..	1933
cHaigh, Dorothy ... ..	1919
cHaigh, Helen (Mrs. Henry Balmforth) ... ..	1911
Haigh, Mrs. J. L. See Forbes, Mary C. G.	
Hainsworth, Frederick ... ..	1898
Hale, Gladys ... ..	1920
cHaley, Mary Beatrice ... ..	1900
cHall, Charles Haddon ... ..	1930
cHall, Edna (Mrs. H. Hopkinson) ... ..	1924
cHall, Eleanor Daisy ... ..	1921
cHall, George Henry ... ..	1924
cHall, Herbert ... ..	1930
cHall, Kathleen Mallalieu, B.D. ... ..	1928
Hall, Marian ... ..	1893
cHall, Marjory Allen ... ..	1920
Hall, Mary Jane Tuton... ..	1906
cHall, Mary Lecky ... ..	1933
cHall, Sylvia ... ..	1932
Hall, Mrs. W. C. See Bass, Elizabeth L.	
Hall, Mrs. See Mellor, Lily	
Hallas, Elizabeth ... ..	1909
cHalliwell, Madge ... ..	1924
cHalliwell, Richard ... ..	1931
cHalliwell, Thomas ... ..	1923
cHallows, Dorothy ... ..	1928
cHallows, Hilda Mary ... ..	1925
Halstead, Annie ... ..	1910
Halstead, James Henry ... ..	1895
Halstead, Nancy Westwell (Mrs. John Howard) ... ..	1893
cHamer, Margaret ... ..	1929
cHamilton, Herbert Alfred ... ..	1921
Hamilton, John George ... ..	1897
Hammond, Margaret Louise ... ..	1897
Hammond, Mrs. See Barras, Elsie C.	
Hampson Annie Faruworth (Mrs. Mawson) ... ..	1906
cHampson, Dorothy Mary (Mrs. E. B. Jackson) ... ..	1918
cHampson, James Robert ... ..	1922
Hampson, William Robert, jun., Mus.B. ... ..	1914
cHampson, Winifride Mary ... ..	1930
cHamwee, Aslan Lionel ... ..	1929
cHamwee, David ... ..	1928
cHancock, Muriel ... ..	1922
cHand, Winifred Eveline ... ..	1921
Handley, Florence ... ..	1901
Hankin, Mrs. See Banks, Florence	
cHankinson, Frances Alma ... ..	1924
Hannah, Mrs. W. See Fidler, Sarah	
cHannam, Elsie ... ..	1924
Hanscomb, Mrs. See Keyte, Margaret	
Happold, Mrs. F. C. See Smith, Annie M. M.	
Hardisty, Mrs. W. H. See Jones, Dorothy H.	
Hardman, Bessie ... ..	1909
cHardman, Frances Ramsey ... ..	1927
cHardy, Ronald Albert ... ..	1927
cHargreaves, Dorothy Elizabeth (Mrs. L. C. Hargreaves) ... ..	1927
cHargreaves, Edith ... ..	1915
Hargreaves, Mrs. Fred. See Robinson, Mary	

## B. A.—continued.

	Date of Degree		Date of Degree
Hargreaves, Mrs. L. C.		cHeap, Kathleen Maud Montgomery	1933
See Hargreaves, Dorothy E.		cHeap, Mary	1934
cHargreaves, Mary	1928	cHeap, Miriam	1928
cHarker, Frederick David	1931	cHeard, George Arthur	1921
cHarker, Gladys May	1926	Heath, Mrs. D. S. B.	
cHarland, Arthur Edward	1931	See Thomas, Martha	
cHarley, Joan Laker	1932	cHeath, Thomas	1922
Harman, Richard Ashbee	1914	Hebblethwaite, Douglas Nichols	1901
Harnden, Maude Elizabeth	1897	Hebert, Mrs. B. T.	
Harper, Arthur Hope	1910	See Daughtry, Edith I.	
cHarriman,		cHebron, Ida Mary	1921
Constance Gwendoline Roberts	1932	Hedges, Mrs. E. S. See Born, Aileen M.	
Harris, Aubrey	1914	cHedley, William Conway	1926
cHarris, Brian Fitz-George	1932	Hegan, Mrs. Denis.	
cHarris, Lancelot Stephen	1922	See Blamire, Winifred	
cHarris, Phyllis Morfydd	1927	Hegnbatham, Marion Dorothea	1911
cHarrison, Dorothy May	1925	cHelliwell, Edith Mary	1925
Harrison, Eliza Alice (Mrs. H. Wainman)	1910	cHelm, Margaret	1922
cHarrison, Elizabeth Mildred	1931	Helwig, Mrs. S. H. See Ramsden, Agnes	
cHarrison, Eva	1923	Henderson, Hilda	1905
cHarrison, Muriel	1923	Henderson, Mrs. J. See Smith, Mary W.	
cHarrison, William Harland	1922	Henderson, Mrs. L. J.	
Harrison, Mrs. See Simon, Grace I.		See Cridlan, Nancy M.	
cHarrop, Ernest	1930	cHenshall, Frances Florence	1929
cHart, Charles	1927	cHenthorn, John Melling	1929
Hart, Lily	1911	Henthorne, Emma	1913
Hart, Robert Cecil Howard	1909	cHepplestone, Marian	1931
cHartley, Arnold Meeson	1921	Hepworth, Minnie	1902
cHartley, Arthur Coulton	1928	acHerford, Henry John Robberds	1888
cHartley, Dorothy Gertrude May	1931	Herford, Mrs. O. See Regan, Margaret M.	
cHartley, Eileen Mabel	1930	acHerford, Ulric Vernon	1889
cHartley, Ernest Beecher, B.D.	1922	cHerring, Edith Mary	1929
Hartley, Esther Olive (Mrs. G. W. Jones)	1913	Herschell, Constance (Mrs. Morrison)	1901
Hartley, Florence Mary	1903	cHesketh, Emily (Mrs. Rawlinson)	1926
Hartley, Mrs. Harold		Heslam, Alice Margaret	
See Milbourne, Ethel		(Mrs. McEwan S. Lawson)	1910
Hartley, Harriett Annie (Mrs. Brown)	1897	Hetherington, Emily Mary	1910
Hartley, Mrs. J. See Walling, Eva		cHewitt, Wesley	1927
Hartley, Joseph	1895	cHeworth, Kathleen Agnes	1933
cHartley, Robert Rixon	1931	Heys, Frederick Arnold	1907
cHartnoll, Sydney William Foster	1933	cHeywood, Doris Edith	1927
acHart, Richard	1893	cHeyworth, Thomas Cuthbert	1921
Harvey, Thomas Edmund	1893	cHibbert, Lillian	1926
Harvey, Mrs. See Burgess, Lillie		Hibbert, Walter	1907
cHarwood, Herbert Chadwick	1927	Hickling, Mrs. A. N. See Cooke, Sybil	
acHaslam, Theodore	1884	cHickman, Agnes	1932
*Hassall, Handel	1911	cHickman, Irene	1930
Hassé, Edwain Ridgley	1914	cHicks, Doris Evans	1923
cHasselgren, John	1932	Hield, Esther Margaret	1899
cHaswell, John Hirst Winn	1923	cHiggin, Jane	1929
cHatton, Mabel Helena	1920	cHiggins, Edith	1933
Haughton, Amy	1904	cHiggins, Ethel Grace Talbot	1916
aHaughton, Ethel Anne (Mrs. Seaton)	1901	cHiggins, Gertrude Talbot	1913
Haworth, Mrs. Alfred. See Muir, Dora J.		Higgins, Leonard Talbot	1913
acHaworth, Alfred	1890	cHigson, Fred	1933
cHaworth, Eunice	1933	cHigson, Hilda	1927
cHaworth, Jane Alice		cHigson, Nora Constance	1933
(Mrs. John Barton)	1926	cHigson, Thomas	1933
cHaworth, Margaret Emily	1926	cHilditch, Charles Stanley	1927
cHaworth, Mary Evelyn	1925	cHill, Kathleen Mary	1924
cHaxby, Constance	1931	cHill, Lena Elise	1924
cHay, Kathleen Mary Baron	1927	Hill, Mabel	1903
Hayes, Alfred Parker	1897	cHill, Mona	1928
cHayhurst, Kathleen	1929	Hilton, Mrs. H. H. See Duguid, Gladys	
Haythornthwaite, William	1911	Hilton, Mrs. J. T. See Craggs, Sallie	
acHayton, Edward Ribtan	1885	cHilton, Margaret Annie	1926
cHayward, Doris	1922	cHilton, Nellie Trent	1929
Hayward, Mrs. G. E. See Gough, Sarah		cHilton, Walter	1928
cHeadridge, Eleanor	1928	cHinchcliff, Frances Joyce	1929
cHealey, Anys Arnold	1932	cHind, Roland	1916
cHeaney, Mary	1925	Hindes, Mrs. F. W. See Sanders, Alberta I.	
cHeap, Eustace John	1916	cHindle, Teresa	1927
Heap, Florence Annette	1904	cHindley, Bna	1929

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	Date of Degree
cHindmarch, Marion (Mrs. Wright) ...	1924
Hindshaw, Mrs. F. See Mungall, Mary N.	1924
cHindson, Doris Mary ...	1922
hHinkley, William ...	1888
cHird, Mary ...	1932
cHird, Mary Winifred (Mrs. George Perry)	1924
cHirst, Doreen Ramsden ...	1933
Hirst, Grace ...	1903
cHirst, Joseph Gregson ...	1924
Hirst, Tom Oakes ...	1903
Hitchin, Mrs. R. P. See Cuttill, Kathleen	
Hoare, Florence Annie ...	1909
Hoare, Louisa O'Donoghue ...	1898
cHobbs, Leonard James ...	1924
cHobson, Mary Millicent ...	1928
cHockenbuhl, Dorothy ...	1924
cHockenbuhl, Dorothy ...	1926
cHodge, Dorothy (Mrs. Darling) ...	1928
cHodgkinson, Constance Evelyn ...	1932
Hodgkinson, Harry ...	1929
Hodgkinson, Mrs. E. G.	
See Roberts, Winifred W.	
cHodgkiss, Jessie Dorothy ...	1927
cHodgson, John Derrick ...	1933
cHodgson, Mary ...	1917
Hodkin, Mrs. Hedley	
See Findlay, Mary M.	
cHohenhouse, William Paul ...	1922
cHolden, Beatrice Alice ...	1930
cHolden, Beatrice May ...	1932
cHolden, Margaret ...	1931
Holden, Mrs. See Ashby, Josephine	
cHolden, Winifred Mary ...	1933
Holdsworth, Jennie ...	1898
cHolehouse, Charles George Edward ...	1931
Holgate, Bessie (Mrs. Wilmore) ...	1909
Holgate, Jane ...	1904
Holgate, Percy Henry ...	1911
cHolland, Gladys ...	1931
cHolland, Margaret Mary Callwood ...	1933
cHolland, Renée Carruthers ...	1927
cHolland, Silvester Harold ...	1930
Holland, Mrs. See Morrish, Edith R.	
cHollands, Charles John ...	1922
cHollas, Freda Leach ...	1926
cHollings, Mary Evangeline ...	1925
hHollingsworth, William ...	1895
cHollis, Winifred ...	1929
Hollway, Mrs. See Rome, Ethel	
Holme, Dorothy (Mrs. C. S. O'Neill) ...	1902
cHolme, Mary ...	1928
Holmes, Ethel (Mrs. Chapman) ...	1902
cHolmes, Montague ...	1922
cHolroyd, Agnes (Mrs. Norman Furlong)	1928
cHolroyd, Jack Harry Thompson ...	1923
cHolt, Annie ...	1922
cHolt, Arthur ...	1927
cHolt, Felix ...	1904
cHolt, Geoffrey Hargreaves ...	1926
*Holt, Hubert Granville ...	1916
cHolt, James ...	1922
cHoneyburne, Mary ...	1895
Hooper, Alice Constance ...	1897
Hooper, Elsie Maria ...	1912
cHooper, Ernest Thomas ...	1922
Hope, Ernest ...	1903
cHoopood, Cecil Robert ...	1932
hHopkins, Ethel ...	1898
cHopkins, Meta Amy Constance	
Josephine	1927
Hopkins, Mrs. E. D. M.	
See Musgrove, Kathleen A.	
Hopkinson, Mrs. H. See Hall, Edna	

	Date of Degree
cHopwood, Evelyn Mary ...	1931
cHopwood, Harold ...	1933
cHorman, Marcella Mary ...	1931
Horne, Jesse ...	1896
cHornsby, Margery	
(Mrs. Marshall Robinson)	1924
cHorridge, Margaret ...	1933
Horsburgh, Mrs. E. L.	
See Challenor, Irene M.	
cHorsfield, Kathleen Amelia ...	1932
cHorsfield, Winifred Mary ...	1927
cHorton, Bernard Singleton ...	1932
cHotchin, Honor Gerrard ...	1929
cHough, Florence ...	1928
cHoughton, Dorothy	
(Mrs. G. A. Collett)	1923
AcHoughton, Elizabeth Annie	
(Mrs. Richard Ward)	1898
Houston, Mrs.	
See Calderwood, Gertrude	
cHoward, Dorothy ...	1918
Howard, Mrs. J.	
See Halstead, Nancy W.	
Howard, Rebecca ...	1914
cHowarth, Aileen ...	1904
Howarth, Frederick ...	1896
Howarth, Gladys ...	1913
Howarth, Hilda Batty	
(Mrs. H. S. Woolley)	1913
cHowarth, Mary (Mrs. Arthur Roberts)	1920
Howarth, Wilfrid ...	1906
cHowden, Mabel ...	1927
Howell, Idris Llewelyn ...	1912
cHowells, Margaret Hilda ...	1917
cHowie, David Stanley ...	1930
Howorth, Mary Eleanor ...	1912
Hoyland, Mrs. W. L.	
See Schippers, Katharine E.	
Hoyle, Arthur Ernest ...	1903
cHoyle, Stephen Hill Stead ...	1933
cHudson, Edith Marjorie	
(Mrs. Lindsay Dewar)	1926
cHudson, Mabel Elizabeth ...	1928
Hudson, Margaret Ellen (Mrs. Parnaby)	1901
cHughes, Alfred Kenneth ...	1922
cHughes, Arthur ...	1926
Hughes, Mrs. Harold.	
See Bowden, Beatrice S.	
hHughes, Marianne Matilda ...	1900
cHughes, Ruth Myfanwy (Mrs. Thomas)	1915
Hughes, Mrs. See Penney, Mary	
Hull, Mrs. W. D. See Birch, Sarah	
cHulme, Doris Spencer ...	1920
(Mrs. Eric Emmett)	1918
cHulme, Dorothy ...	
cHulme, Elizabeth Ina	
(Mrs. M. T. Buyse)	1922
cHulme, Ernest ...	1928
cHulme, Lillian ...	1921
Hulme, Thomas Stanford ...	1889
cHume, Kenneth Hall ...	1923
cHumphrey, John Frederick, B.D. ...	1926
cHumphreys, Norah ...	1931
cHunsworth, Ethel ...	1921
cHunt, Nancy Blackstone ...	1932
Hunter, Douglas Egbert ...	1902
cHunter, Hugh, B.D. ...	1918
Hurst, Thomas Ockerby ...	1892
cHuss, Patricia Margaret Clarke ...	1932
Hutchinson, Mrs. A. S.	
See Parkes, Margery M.	
cHutchinson, Harold Mills ...	1924
cHutchinson, Harriet ...	1924

r Head Mistress, Municipal Secondary School for Girls, Newport, Mon.

\* Awarded M.C.



## B.A.—continued.

	Date of Degree
cHutchinson, Ida Mary ... ..	1918
Hutton, Arthur Best ... ..	1900
Hutton, Ellen Mary ... ..	1901
cHutton, Joan Burslem ... ..	1933
cHuxley, William Sidney ... ..	1931
<i>Huxtable, Louisa (Mrs. R. S. Jones)</i> ... ..	1922
Hyde, Margaret ... ..	1910
cHyde, Sylvia Hazel ... ..	1926
cIbberson, Marion Evelyn ... ..	1931
Inlach, Gladys Maud ... ..	1900
cInce, Arthur ... ..	1925
cIneson, Kathleen Gertrude ... ..	1929
Ing, Mrs. <i>See</i> Condliffe, Edith A. ... ..	
cIngham, Arthur ... ..	1924
Ingham, Mrs. Arthur. <i>See</i> Sherratt, Norah ... ..	
cIngham, Clifford Hardaker ... ..	1929
cIngham, George Walshaw ... ..	1932
Ingham, John Verner ... ..	1910
cIngham, Kathleen Winifred (Mrs. Duguid) ... ..	1926
Ingham, Sarah ... ..	1905
cIngloldsby, Mary ... ..	1926
cIngram, Doreen ... ..	1930
cIreland, Mary ... ..	1925
cIreland, Percy Edward ... ..	1891
cIreland, Rachel ... ..	1923
cIrving, George ... ..	1931
cIsaacs, Adolf ... ..	1931
cJackson, Alice (Mrs. Younie) ... ..	1918
Jackson, Archibald William ... ..	1906
Jackson, Dora ... ..	1911
cJackson, Edith Constance ... ..	1917
cJackson, Eleanor May (Mrs. A. H. Little) ... ..	1928
Jackson, Ernest May ... ..	1910
cJackson, Ernest ... ..	1931
cJackson, Ernest Benjamin ... ..	1921
Jackson, Mrs. E. B. <i>See</i> Hampson, Dorothy M. ... ..	
cJackson, George Basil ... ..	1921
Jackson, Mrs. G. B. <i>See</i> Anderton, Harriet A. ... ..	
cJackson, Glynn ... ..	1922
cJackson, Herbert Sheldon ... ..	1928
Jackson, John ... ..	1910
cJackson, Mary Carr (Mrs. H. F. Diggle) ... ..	1923
A Jackson, Mary Matilda (Mrs. Brammall) ... ..	1899
Jackson, Sarah Elizabeth (Mrs. A. F. Johnson) ... ..	1907
Jackson, Winifred (Mrs. E. S. Klek) ... ..	1907
Jackson, Mrs. <i>See</i> Gordon, Daisy H. ... ..	
cJacobs, Ada Mary ... ..	1931
cJacobs, Ella (Mrs. Ridley Jacobs) ... ..	1926
Jacobs, Mrs. Ridley. <i>See</i> Jacobs, Ella ... ..	
cJacques, Doris ... ..	1921
cJacques, Vera Annie ... ..	1927
cJagger, Gladys (Mrs. Kenne) ... ..	1919
cJagger, Kathleen Marian ... ..	1932
cJames, Ann Arnfield ... ..	1922
cJames, Charles ... ..	1921
cJames, Edith ... ..	1920
James, Grace ... ..	1911
cJames, Harold Ernest Oswald, M.Sc. ... ..	1919
cJames, Howard Ingh, B.D. ... ..	1912
cJames, Mary Isabel McCormack ... ..	1933
James, Mrs. <i>See</i> Owen, Eliza M. ... ..	
cJardin, Bessie ... ..	1924
cJarman, Alice ... ..	1917
cJarvis, Charles Richard ... ..	1922
<i>Jeans, Victorine Elizabeth</i> ... ..	1889

	Date of Degree
Jeffreys, Ethel Heath ... ..	1912
cJenkins, Marjorie Esmé ... ..	1931
cJepson, Kathleen ... ..	1930
Johnson, Alfred Forbes ... ..	1907
Johnson, Mrs. A. F. <i>See</i> Jackson, Sarah E. ... ..	
cJohnson, Bernard Martin ... ..	1932
<i>Johnson, Charles Curtis</i> ... ..	1901
cJohnson, Dora ... ..	1923
cJohnson, Dorothy ... ..	1933
cJohnson, Dorothy Mabel ... ..	1933
Johnson, Edith Alice ... ..	1912
cJohnson, Elizabeth Heywood ... ..	1929
Johnson, Emily (Mrs. C. S. Green) ... ..	1888
Johnson, Florence Annie ... ..	1903
cJohnson, Hilda Gwynne ... ..	1930
cJohnson, Minnie ... ..	1923
Johnson, Mrs. S. B. <i>See</i> Craze, Bessie ... ..	
Johnson, Mrs. <i>See</i> Brown, Ida M. ... ..	
cJohnston, Annie Wyllie ... ..	1933
cJohnston, Donald Christian ... ..	1929
cJohnston, Ruth Ellen ... ..	1932
Jones, Alice Maud (Mrs. W. B. Allcock) ... ..	1905
<i>Jones, Catherine</i> ... ..	1915
A Jones, Cyril Bethell ... ..	1896
cJones, Doris Mary (Ord.) ... ..	1926
cJones, Doris Mary (Hons.) ... ..	1926
cJones, Dorothy Frida ... ..	1933
Jones, Dorothy Hepburn (Mrs. W. H. Hardisty) ... ..	1903
cJones, Elizabeth Margaret ... ..	1931
cJones, Gladys ... ..	1918
cJones, Harold Hartley ... ..	1921
cJones, Harry ... ..	1921
cJones, Harry Bannister ... ..	1922
cJones, Herbert Allan ... ..	1926
Jones, John Angell ... ..	1897
Jones, John William ... ..	1907
cJones, Mabel ... ..	1923
cJones, Mair Eluned ... ..	1932
cJones, Marie ... ..	1932
cJones, Marjorie (Mrs. Thompson) ... ..	1927
cJones, Marjorie Pennant ... ..	1919
Jones, Myfanwy ... ..	1912
cJones, Newton Surdval ... ..	1922
cJones, Norah Aldwyth (Mrs. R. W. Briggs) ... ..	1928
cJones, Norah Alice <i>See</i> Huxtable, Louisa ... ..	1923
A Jones, Simon ... ..	1901
Jones, Stanley Wilson ... ..	1908
Jones, Mrs. S. W. <i>See</i> Hartley, Esther O. ... ..	
Jones, Mrs. <i>See</i> Smith, Florence. ... ..	
Jones, Mrs. <i>See</i> Vity, Winifred. ... ..	
cJones-Williams, Gwen Elizabeth ... ..	1933
Jowett, Mrs. Albert. <i>See</i> Lord, Lillias A. ... ..	
cJucker, Sylvia Mary (Baroness Menzinger di Preussenthal) ... ..	1931
cJucker, Hilda Anna (Mrs. F. Bonavia) ... ..	1907
Judson, Mrs. J. A. <i>See</i> Lee, Rose L. ... ..	
cKahn, Lilian ... ..	1932
Kamel, Mahnuud ... ..	1912
cKane, Margaret Johanna ... ..	1928
cKane, Mary ... ..	1931
Karfoot, Bertha ... ..	1910
* Kauntze, William Henry, M.D. ... ..	1907
Kay, Annie ... ..	1887
cKay, Edith Annie ... ..	1930
cKay, Frank ... ..	1930
cKay, John Alfred ... ..	1923
cKay, Robert Stanley ... ..	1932
cKay, William ... ..	1922

B.A.—continued.

	Date of Degree
Kay, Mrs. W. W.	
<i>See</i> Ashton, Margaret M.	
Keate, Mrs. Henry	
<i>See</i> Caldecote, Florence	
cKealey, Keith Morgan	1933
cKeen, Doris Millicent	1924
AKelly, Clara Julia	1899
cKelly, John Ernest	1923
cKelly, Kathleen	1930
cKelly, Leslie Hal	1931
cKelly, Margaret	1928
Kelly, Margaret Duncan (Mrs. Coxhead)	1903
cKelly, Marjorie	1929
cKelly, May (Mrs. Mayers)	1922
cKelly, Osmond	1926
cKelly, Thomas	1929
Kelly, Mrs. Thomas	
<i>See</i> Winstanley, Edith	
cKelsall, Ethel	1900
cKemp, Dorothy	1926
cKemp, Nellie Dorothy	1930
cKendrick, Myra	1933
cKennaugh, Margaret	1932
Kenne, Mrs. <i>See</i> Jagger, Gladys	
cKennedy, Winifride Agnes	1930
cKenney, Sylvia	1932
AKent, Ernest Alfred	1883
cKent, Marjorie May	1931
cKenworthy, Josephine Ethel	1933
Kenyon, Alice	1907
cKenyon, Alicia	1933
Kenyon, Mrs. A. H.	
<i>See</i> Wollaston, Elizabeth M.	
cKermode, Rita Isabel	1929
Kerr, Mrs. James. <i>See</i> Beckett, Elizabeth	
Kerr, Mrs. <i>See</i> Crichton, Elizabeth S.	
cKerrigan, Mary Agnes	1929
cKershaw, Ethel Mary	1903
cKershaw, Freda	1928
cKershaw, Margaret Joan	1926
cKey, Lucy Margaret	1921
Keyte, Emily (Mrs. C. H. Greenhough)	1906
Keyte, Margaret (Mrs. Hanscomb)	1908
Kiek, Mrs. E. S. <i>See</i> Jackson, Winifred	
cKillip, Kathleen Caley	1932
Kimber, Mrs. G. <i>See</i> Barton, Marion	
cKimsey, Evelyn Mary	1924
cKindberg, Doris Eleonora	1925
cKing, William John	1921
Kipling, Mrs. Arthur. <i>See</i> Rainey, Amy	
rKirk, Frances May	1902
cKirkman, Alice	1933
cKirkman, Ann (Mrs. L. H. Oldfield)	1926
cKirkman, John	1928
cKirkpatrick, Jessie	1925
cKirkup, Mary Thomasina	1926
cKirtton, Eric Charles	1924
cKitchen, Nellie	1930
Kitchener, Ernest Edward	1904
cKlein, Henriette (Mrs. Spurr)	1917
Kletz, Florence. <i>Graduated as Reich.</i>	
cKnight, Eric Francis Herbert, B.D.	1924
cKnight, Gertrude Graham	1930
Knight, Mrs. <i>See</i> Gunson, Edith	
cKnowles, John Clapham	1922
cKnowles, Kathleen	1928
cKnowles, Margaret	1932
cKwan, Quen-Yuan	1918
CLace, May Violet Blanche	1933
cLackland, Leonard	1894
Laithwaite, Mrs. Alfred.	
<i>See</i> Booth, Elizabeth	
cLally, Mary	1930

cLamb, John David	1897
cLamb, Phyllis Mary Severn	
(Mrs. Norman Bailey)	1922
cLambrick, Margaret Evelyn	1926
cLancashire, Jessie	1923
cLancashire, Mabel	1920
Land, Mrs. <i>See</i> Raddin, Isabella M.	
Landman, Samuel	1904
Lane, Maria Edith	1902
ACLang, Edith	1887
Lange, Mrs. C. W. <i>See</i> Lord, Annie E.	
cLangley, Katharine Mary	1928
cLangton, Dorothy Mather.	
<i>See</i> Rogerson, Dorothy M., M.A.	
(Mrs. W. A. Rogerson)	1915
cLansdale, Robert James	1928
cLapidus, Sarah	1928
cLatham, Dorothy Mary	1930
ALa Trobe, Frederic Herbert	1889
cLaver, Marcelle Anne	1928
cLaw, Elizabeth	1930
Law, Marion	1907
cLaw, Robert	1928
Lawrence, Mrs. S. G.	
<i>See</i> Park, Margaret E.	
cLawson, Constance Joyce	1932
cLawson, Edith	1925
Lawson, John	1883
Lawson, Mrs. McE. S.	
<i>See</i> Heslam, Alice M.	
cLawson, William	1930
cLawton, Hilda	1933
cLawton, John Eustace	1923
Lawton, Percy James	1913
Lawton, Mrs. P. J.	
<i>See</i> Pedder, Ethel M.	
cLaycock, Annie	1933
Layland, Anne Helen (Mrs. Smart)	1908
cLazofsky, Max	1931
Lazonby, Annie	1928
cLea, Esther Lillian	1929
cLeach, Ellen	1929
cLeach, Rosina May	1921
Learnmonth, Janie	
(Mrs. S. R. Winkworth)	1913
Leather, Mrs. James.	
<i>See</i> Wright, Gertrude M.	
cLeatherbarrow, Joseph Stanley	1939
cLeaver, Muriel Gertrude	1925
ALeaward, Marion Craig	
(Mrs. H. S. Ashburner)	1888
cLee, Arthur	1926
cLee, Bertha	1922
cLee, Dora	1926
cLee, Leonora Ellen	1933
cLee, Mary Josephine	1925
cLee, Nellie	1930
ALee, Rose Evelyn (Mrs. J. A. Judson)	1896
cLeece, Florence Margaret Mona	1924
cLeech, Elsie	1930
cLeeming, Clarice Carrette Rodway	1931
Leeming, Emily Marianne	
(Mrs. L. du G. Peach)	1912
cLees, Frank	1922
cLees, Grace	1926
cLees, Leonard Arthur	1923
cLees, Mildred Winifred Mary	1929
cLees, Robert Edward	1927
Lees, Mrs. <i>See</i> Davies, Marion M.	
Lees, Mrs. <i>See</i> Watson, Alice M.	
Leicester, Elizabeth Emily	1905
cLeigh, Ellen Dobson	1929
cLejeune, Caroline Alice	
(Mrs. E. R. Thompson)	1921

## B.A.—continued.

	Date of Degree		Date of Degree
xLe Mare, Arthur Stanway ... ..	1900	cLunn, Dorothy Florence (Mrs. T. A. Whitehead) ... ..	1910
Lemon, Alfred Heath ... ..	1903	cLunn, John ... ..	1928
cLeon, Rachel (Mrs. G. R. Potter) ... ..	1922	cLyall, Evelyn Mary ... ..	1931
cLeonard, Constance Annie ... ..	1923	Lycett, Mrs. E. L. ... ..	
cLerner, Myer ... ..	1932	See Setzer, Frieda M. ... ..	
cLester, Joseph ... ..	1932	cLyman, Arthur Reginald Brown ... ..	1931
cLester, Thomas Milner, M.Com. ... ..	1921	cLyons, Elsie ... ..	1931
cLever, John ... ..	1924		
cLevy, Louie Evelyn (Mrs. Joseph Tavil) ... ..	1921		
cLevy, Madeleine Jeanne ... ..	1919	cMcAleavy, Henry ... ..	1933
cLewin, Dorothy ... ..	1925	cMcBeath, Irvine Alexander ... ..	1931
cLewis, Betty ... ..	1931	cMacCarron, Gerard Majella ... ..	1930
cLewis, Marjorie ... ..	1918	cMcCarthy, Alice ... ..	1928
cLightfoot, Jack Whitley ... ..	1930	cMcCaulay, Sybil Ida ... ..	1919
cLighton, George ... ..	1933	cMcCaw, Leslie Stuart ... ..	1928
cLillywhite, Marjorie Patricia ... ..		cMacCormack, ... ..	
Angel O'Sullivan ... ..	1930	Hilda Alexandra Alice Hall ... ..	1927
Lindh, Gustaf Waldemar, B.Com. ... ..	1913	cMcCully, Mary Woodward ... ..	1928
cLindsay, Ada Josephine ... ..	1930	cMcDermott, Alice ... ..	1924
cLindsay, James Edward ... ..	1929	cMcDermott, Nancy Mary Patricia ... ..	1929
cLindsay, Lilian Elsie ... ..	1933	McDonald, Anne Jane ... ..	1895
cLinford, Nora Mary ... ..	1924	McDonald, Catherine Davenport ... ..	1901
Linforth, Edith Mary Elizabeth ... ..		Macdonald, Louis Adam ... ..	1902
(Mrs. Rowe) ... ..	1904	cMcGilvray, James Clifford ... ..	1933
cLingard, John ... ..	1931	cMcGlynn, Thomas William ... ..	1930
cLinton, Evelyn ... ..	1932	cMcGough, Winifride ... ..	1931
cLishman, Mary Butler ... ..	1927	cMcGowan, Winifred Mary ... ..	1933
Lister, Ethel ... ..	1923	MacGregor, John Marshall ... ..	1899
Lister, Helen ... ..	1906	cMcInnes, Dorothy Margaret ... ..	1917
Lister, Martha ... ..	1899	cMcIntyre, Anne Margaret ... ..	1917
Litchfield, Agnes Muriel ... ..		cMcIntyre, Dorothy ... ..	1923
(Mrs. J. W. Edwards) ... ..	1909	Mackay, Mrs. C. G. ... ..	
cLithgow, Mary Paton ... ..	1931	See Coward, Milburga C. ... ..	
Little, Mrs. A. H. ... ..		cMackay, Elizabeth Robertson ... ..	1929
See Jackson, Eleanor M. ... ..		cMcKay, Sheila Sutherland ... ..	1930
cLivesey, Edith ... ..	1930	MacKeand, Maggie Woodrow ... ..	1903
cLocker, Freda ... ..	1922	cMcKechnie, Maggie ... ..	1922
Lockwood, Mrs. J. F. ... ..		cMcKenzie, Alexander ... ..	1930
See Cltheroe, Marjorie ... ..		cMcKinnon, Emelie Vera Margareta ... ..	1932
cLodge, Alice ... ..	1929	cMackintosh, Cecilia Ballingail ... ..	1917
cLothouse, Hilda ... ..	1933	cMcLachlan, Marion Wilson ... ..	
cLomas, Annie Marjory ... ..	1932	(Mrs. N. P. Thompson) ... ..	1930
cLong, Edmund Royal ... ..	1932	McLaine, Helen Margaret ... ..	
Long, Mrs. J. B. See Mar-den, Mary R. ... ..		(Mrs. Frank Walker) ... ..	1908
Longbottom, Marion Rena ... ..	1907	cMacLean, Archibald ... ..	1928
clonsdale, Frederick Edgar ... ..	1918	cMacLean, Donald Hector ... ..	1923
Lord, Annie Estella (Mrs. C. W. Lange) ... ..	1904	cMaclean, Jeannie Edith ... ..	1928
cLord, Bernard Hoyle ... ..	1929	cMcLellan, Agnes Jackson ... ..	1919
cLord, Bertha ... ..	1927	cMcLellan, Janet Tomlinson ... ..	1921
cLord, Cecil ... ..	1923	cMcLulich, Agnes Dobson ... ..	1926
Lord, Cicely Eveline ... ..	1909	*McNamara, John ... ..	1912
Lord, Fred ... ..	1913	†McNicol, Primrose (Mrs. J. L. Mather) ... ..	1914
Lord, John ... ..	1895	cMcNicol, William Hamilton ... ..	1927
cLord, Joshua, B.D. ... ..	1921	cMcPhail, Joseph Cort ... ..	1922
cLord, Lilius Annie (Mrs. Albert Jowett) ... ..	1904	Macpherson, Ethel Louisa ... ..	1890
cLord, May Brockbank ... ..	1923	cMcPherson, Mary Blount ... ..	1916
Lord, Mrs. See Temperley, Mary E. ... ..		cMcSweeney, Brigid Mary ... ..	1929
Loveday, Oliver Herbert ... ..	1909	cMadelly, Amy Amelia ... ..	
cLowe, Edith Mary ... ..	1933	(Mrs. Frank Nixon) ... ..	1925
cLowe, Eric Arthur ... ..	1928	Mahmud, Abd el Latif ... ..	1912
Lowe, James ... ..	1914	Maiden, Joseph Percival ... ..	1912
cLowe, Marion ... ..	1926	Mainwaring, Mrs. See Beck, Louisa ... ..	
Lowe, Nancy Naud ... ..	1917	cMakhloof, Moustafa ... ..	1922
Lucan, Amy (Mrs. W. T. Davies) ... ..	1899	Malin, George ... ..	1913
clucas, Alice ... ..	1929	cManby, Edward George ... ..	1929
Lumb, Lizzie ... ..	1904	cManners, Winifred Maude ... ..	
Lunn, Mrs. See Walton, Florence H. ... ..		(Mrs. F. B. Callis) ... ..	1917
cLunby, Charles Frederic ... ..	1900	Mansfield, Fred ... ..	1914
Lunby, John Henry ... ..	1896	cMappin, Alfred Gregory ... ..	1933
cLund, Jessie ... ..	1927	cMargerison, Harry ... ..	1928
cLundie, Charles Cowan ... ..	1891	cMarks, Annie ... ..	1924

x Warden of Walthamstow Settlement, London.

\* Awarded D C M

† Honours student awarded ordinary degree on grounds of ill-health.

B.A.—continued.

	Date of Degree		Date of Degree
cMarks, Lily	1920	cMiller, Elizabeth	1928
cMarlow, Nellie	1920	cMiller, Harold Charles, M.Ed.	1924
Marner-Smythe, L. H.		cMiller, Marjorie Vera	1924
See Smythe, L. H. M.		cMiller, Mary Macdiarmid	1926
Marsden, Dora	1903	cMiller, Teresa Mabel	1926
cMarsden, Harold, B.D.	1922	Miller, William Reginald, B.D.	1911
cMarsden, Mary Rowena (Mrs. J. B. Long)	1927	Millington, Edward Turner	1903
cMarsden, Willie	1922	Millman, Oliver John	1902
cMarsh, Eric Haldane	1921	cMillner, Marjorie Whitaker	1933
cMarsh, Mabel Edith	1907	Mitchell, Lilian	1904
cMarshall, Richard William	1922	Mitchell, Myra	1908
cMarshall, Elizabeth Ann	1924	cMitchell, Vera Kathleen	1930
cMarshall, Ellen	1929	cMittton, Charles Leslie	1928
cMarshall, Kathleen Mary		cMoakler, Mary	1932
(Mrs. J. Whitehead)	1926	Moffett, Mrs. S. O.	
cMarshall, Margaret Nina	1929	See Garrard, Barbara M.	
cMarshall, Norman Gomm	1918	cMolloy, Agnes	1931
Marshall, William Percy, M.B., Ch.B.	1903	cMolyneux, Fred	1922
Marshall, Mrs. See Parish, Susie E.		Moncrieff, Mrs. A. M.	
cMartin, Ada	1926	See Thomas, Annie L.	
cMartin, Kathleen Marjorie		cMonks, Mary	1923
(Mrs. E. F. Young)	1926	cMoon, Henry Joseph	1919
cMartin, William Stirling	1931	Moore, Constance Gertrude (Mrs. Foster)	1888
cMartlew, Alice	1928	cMoore, Harold Victor	1922
cMartyn, Philip Docton	1926	cMoore, Margaret	1920
cMason, Leonard	1932	cMoorhouse, Dorothy Mary	1919
cMason, Nora Doreen	1928	cMoorhouse, Edna	1925
cMason, Ruth Alice	1929	cMoorhouse, Jessie	1927
cMassey, Dorothy Olga	1921	cMoore, Gertrude Kershaw	1916
cMather, Ida Mary (Mrs. Sutcliffe)	1917	cMorahan, Dorothy	1920
cMather, Madeline Beatrice	1925	Morgan, Aldwyth Kate	1904
Mather, Mrs. J. L.		Morgan, Annie	1906
See McNicol, Primrose		Morgan, Edward	1906
cMather, William	1922	cMorgan, Henry Leslie	1915
cMatthews, Ronald William	1922	Morland, Mrs. H. N. See Walker, Alice	
Maule, Catherine Jane	1897	cMorley, Marjorie	1931
Mawson, Mrs. See Hampson, Annie F.		cMorphet, Avis	1919
Maxwell, Helen Brown Scott		cMorrill, Patrick James Thomas	1931
(Mrs. Dunlop)	1901	cMorris, Arthur Geoffrey	1925
Maxwell, John	1893	cMorris, Arthur Ireson	1925
Maye, Mrs. See Bache, Dorothy		cMorris, Hadassah May	1931
cMayers, Dorothy Hester	1924	Morris, Isabel Maud	1906
cMayers, Eleanor Mabel	1926	Morris, Mrs. Lyn	
Mayers, Mrs. See Kelly, May		See Oppenheim, Freda	
Meachin, Mrs. G. L. See Bell, Dorothy		cMorris, Margaret Isabella Gertrude	1919
Mead, Percy John	1909	Morris, Mrs. See Oliver, Violet	
cMeadows, Harry	1916	Morris, Robert	1911
cMeadows, Mary Hawley	1922	Morris, Mrs. See Bagshaw, Lilian J.	
cMearns, Robert	1924	Morris, Thomas Ernest Elhston	1923
cMedd, Gracie Lightfoot	1931	Morrish, Edith Rodenhurst	
cMellor, Elsie	1930	(Mrs. Holland)	1898
cMellor, Harold Porter, LL.B.	1892	Morrison, Mrs.	
Mellor, Lily (Mrs. Hall)	1910	See Farmer, Euphemia L.	
Mellor, Mrs. See Thompson, Mary C.		Morrison, Mrs.	
Mellowes Harry William	1894	See Herschell, Constance	
Merceer, Mrs. G. M.		cMorton, Robert Edwin	1923
See Walker, Majorie V.		cMoseley, Elizabeth Joan	1933
Merrett, Mrs. J. L.		Moss, Emily Ann	1912
See Gower-Jones, Pauline L.		cMoss, Evelyn (Mrs. A. L. Taylor)	1922
cMerriman, Evelyn Mary	1921	Mottram, Mrs. H. H.	
cMetcalfe, Olive	1933	See Cocks, Mabel A.	
cMetcalfe, Robert	1931	cMottram, Lilian Alexandra	1932
Metcalfe, Mrs. See Barnes, Grace		cMoulding, Harry Newall	1926
cMeyer, Kathleen Mary	1927	cMoulton, Jane	1926
Miall, Winifred (Mrs. H. W. T. Wager)	1892	cMounsey, William Henry	1921
Michael, Mrs. Daniel		cMoyes, Effie (Mrs. A. Barlow)	1915
See Palmer, Roberta F.		cMoyle, Ethel Muriel	1924
Michael, Esther Ann	1925	Muir, Dora Jeanne	
cMiddlebrough, Ivor Leslie	1929	(Mrs. Alfred Haworth)	1890
cMiddlebrough, Phyllis Winifred	1932	cMulrooney, Christina	1926
cMiddleton, Florence Jane		Mungall, Mary Neill (Mrs. F. Hindshaw)	1905
(Mrs. J. H. Bainbridge)	1902	cMunkley, Isabel	1932
cMiddleton, James Albert	1919	cMunro, Alice Katherine	1932
cMiddlewood, Marion Shipley	1928	cMusgrove, Kathleen Amy	
Milbourne, Ethel (Mrs. Harold Hartley)	1909	(Mrs. E. D. M. Hopkins)	1931
Millar, Mrs. See Steele, Lily H.			
cMillard, Fernande Suzanne	1930		
cMillburn, William Watson	1931		

ANathan, Elise Marion  
Mrs. M. F. Frankenburg 190

B.A.—continued.	Date of Degree	Date of Degree
cNaylor, Eleanor Jane ... ..	1931	
cNeal, Arthur Duerden ... ..	1933	
Neal, Mrs. T. E. See Birchall, Minna		
cNeate, William ... ..	1928	
acNeedham, Christopher Thomas ... ..	1887	
Needham, Herbert Sidney ... ..	1911	
Neill, John Clarke ... ..	1896	
Neill, Mary ... ..	1907	
Nelson, George Frederick ... ..	1912	
cNelson, John Bownas ... ..	1922	
cNelson, Victor ... ..	1928	
cNelson, William Henry ... ..	1922	
cNeistrop, Mary Florence ... ..	1932	
cNemtsov, Hyman Isidor		
(now H. I. Alexander)	1930	
Newall, Charles Ernest ... ..	1912	
Newborn, Albert Henry ... ..	1888	
Newcomen, Mrs. T. G.		
See Williams, Elsie L.		
Newett, Mary Margaret ... ..	1898	
cNewman, Benjamin Hutchison ... ..	1894	
cNewman, Kitty ... ..	1929	
News, Samuel John ... ..	1908	
cNewsam, Lois ... ..	1931	
ANewsom, Arthur Crookes ... ..	1883	
cNewton, Agnes ... ..	1929	
Newton, Eric See Oppenheimer, E. N.		
cNewton, Joan Hilary ... ..	1933	
cNewton, Susan Margaret Howell ... ..	1932	
cNice, Doreen Alice ... ..	1929	
Nicholls, Ernest James ... ..	1896	
Nicholls, John Macintyre ... ..	1897	
Nichols, Henry ... ..	1909	
cNicholson, Thomas Alwyn ... ..	1932	
Nicol, Mrs. See Barr, Dora D.		
cNield, George Kenneth ... ..	1933	
Nightingale, Mrs. E.		
See Drinkwater, Lilas		
cNiven, Annie Laird ... ..	1929	
cNixon, Alice Millicent ... ..	1926	
Nixon, Mrs. Frank		
See Madelly, Amy A.		
Noar, Constance Madge ... ..	1908	
cNoar, Helen Alison (Mrs. J. R. Park)	1925	
cNoble, Gertrude Louise		
(Mrs. C. E. Soley)	1894	
Norburn, Frederick William ... ..	1898	
cNorris, Ethel ... ..	1924	
cNorris, Francis James ... ..	1932	
North, Fanny Caroline ... ..	1902	
North, Mrs. G. See Berry, Edith M.		
ANorthrop, Frank ... ..	1893	
cNorthrop, Lesley ... ..	1924	
cNorthrop, Margery ... ..	1932	
Nunn, Florence (Mrs. S. J. Bunting) ... ..	1908	
cNunn, John Price ... ..	1922	
cNuttall, George ... ..	1920	
cNuttall, Hilda ... ..	1926	
cNutter, Alice ... ..	1922	
cNutter, Freda (Mrs. D. H. Cowley) ... ..	1928	
Nutter, Mrs. Thomas		
See Dredge, Phyllis M.		
Oates, Mrs. Herbert		
See Firth, Margaret A.		
cO'Brien, Hester Gilmore ... ..	1923	
cO'Brien-Kelly, Harriett ... ..	1929	
cOddie, Margaret Ann ... ..	1916	
cOdell, Ernest Walter, B.D. ... ..	1920	
cO'Donnell, Nora ... ..	1931	
O'Gara, Mrs. D. See Tipping, Mary A.		
cOgden, Elizabeth (Mrs. H. L. Smith) ... ..	1926	
cOgden, Harold Leach ... ..	1921	
cOldfield, Leonard Hulme, B.D. ... ..	1925	
Oldfield, Mrs. L. H. See Kirkman, Ann		
acOldfield, Sarah ... ..	1901	
Oliver, Lottie (Mrs. Sunman) ... ..	1899	
cOliver, Violet (Mrs. Morris) ... ..	1924	
cOllerenshaw, Edward ... ..	1925	
cO'Neill, Sarah ... ..	1925	
O'Neill, Mrs. C. S. See Holme, Dorothy		
cOpenshaw, Ronald ... ..	1931	
cOppenheim, Freda (Mrs. Lyn Morris) ... ..	1928	
cOppenheim, Lillian ... ..	1931	
Oppenheimer, Eric Newton		
(now Eric Newton)	1914	
cOrchard, Ronald Kenneth ... ..	1932	
cOrford, Evelyn Mary Christian ... ..	1925	
cOrme, Daisy Lilian Jessie ... ..	1930	
cOrme, Una Maude ... ..	1925	
Ormerod, Mrs. F. C. See Burton, Mary		
Ormerod, Grace ... ..	1907	
cOrmerod, Robert Edwin ... ..	1919	
Ormerod, Lucy (Mrs. P. E. Beale) ... ..	1912	
cOrr, Eleanor Nancy Hyde ... ..	1929	
zOrr, Jessie Farquhar ... ..	1897	
Orr, Norman Farquhar ... ..	1900	
Orr, Thomas Edwin ... ..	1896	
cOsborn, Winifred ... ..	1931	
cOsgathorp, Herbert James ... ..	1922	
Osgathorp, Mrs. H. J.		
See Watkin, Eleanor B.		
O'Sullivan, Mary Elizabeth ... ..	1925	
cOverfield, Marion ... ..	1924	
cOwen, Alice Winifred ... ..	1926	
cOwen, Cecil Mark ... ..	1933	
cOwen, Dorothy Elizabeth Tudor, M.Ed.		
(Mrs. D. Truman)	1910	
Owen, Eliza Margaret (Mrs. James) ... ..	1903	
cOwen, Eustace Sidney ... ..	1922	
Owen, Florence ... ..	1903	
Owen, Mrs. T. W. See Stubbs, Linda		
Owens, Dora ... ..	1910	
Page, Mrs. W. E.		
See Stooke, Kathleen M.		
cPallin, Marie ... ..	1932	
Paiton, Laura Leah		
(Mrs. Fred Fairbrother)	1909	
Palmer, Roberta Frances		
(Mrs. Daniel Michael)	1902	
cParish, Susie Elizabeth (Mrs. Marshall)	1915	
Park, Mrs. J. R. See Noar, Helen A.		
cPark, Margaret Eveline		
(Mrs. S. G. Lawrence)	1926	
cParker, Ada ... ..	1925	
Parker, Agnes ... ..	1903	
Parker, Irene ... ..	1903	
cParker, Isla ... ..	1931	
Parker, Mrs. T. G. See Turner, Annie		
Parker, Walter Townsend ... ..	1908	
Parkes, Margery Moyle		
(Mrs. A. S. Hutchinson)	1910	
cParkinson, Cecilia ... ..	1926	
Parkinson, Elizabeth (Mrs. L. Carter) ... ..	1912	
Parkinson, Helen Frances ... ..	1909	
AParkyn, Joseph Atherton ... ..	1884	
Parnaby, Harry ... ..	1899	
Parnaby, Mrs. See Hudson, Margaret E.		
Parr, Agnes Winifred ... ..	1900	
cParrott, Bessie ... ..	1927	
cParry, Elizabeth Joan ... ..	1928	
cPartington, Edna ... ..	1931	
cPartington, Esther ... ..	1920	
Partington, Howard ... ..	1911	
cPashley, Harry ... ..	1927	

1 Formerly Treasurer of the University; Kt.

2 Head Mistress, Ockbrook Moravian Girls' School, Ockbrook, near Derby.

B.A.—continued.

	Date of Degree
cPaterson, Dora Isobel ... ..	1929
cPatterson, Annie Christina ... ..	1920
cPatterson, Cecil ... ..	1927
cPatterson, Elizabeth Gertrude ... ..	1894
<i>A Patriciouez, Florence</i>	
(Mrs. F. J. W. Rycroft) ... ..	1899
cPeace, Margery Amy ... ..	1929
Peach, Mrs. L. du G., M.D.	
<i>See Leeming, Emily M.</i>	
Pear, Mrs. T. H.	
<i>See Robinson, Catherine</i>	
Pearce, Augusta Clarice ... ..	1895
cPearce, Hilda Mary ... ..	1926
cPearse, Rachel Nodal ... ..	1927
Pearson, David ... ..	1908
cPearson, Eric Heaton ... ..	1927
cPearson, Eva Mary ... ..	1924
Pearson, Mrs. G. E. <i>See Birch, Doris</i>	
cPearson, Gladys Mary ... ..	1922
cPearson, Gwladys Jane... ..	1922
cPearson, Joseph ... ..	1933
cPearson, Kate Midgley	
(Mrs. V. G. Burkitt) ... ..	1906
Peattie, Mrs. J. D. <i>See Walker, Doris M.</i>	
Pedder, Ethel May (Mrs. P. J. Lawton)	
<i>Adeddie, James...</i> ... ..	1882
cPeeling, Elaine ... ..	1927
Pegler, George ... ..	1893
cPendlebury, Annie... ..	1924
<i>Penn, Amy Florence</i> ... ..	1903
cPenney, Mary (Mrs. Hughes) ... ..	1924
cPennington, Olive Mary Seimol ... ..	1933
cPenrose, John... ..	1927
<i>A Perkins, Joseph John</i> ... ..	1884
Perrot, Mrs. F. <i>See Dale, Clara M.</i>	
Perry, Mrs. George. <i>See Hird, Mary W.</i>	
Pestre, Mrs. <i>See Ward, Edna K.</i>	
Petch, Mrs. J. A.	
<i>See Derbyshire, Marjorie</i>	
Petford, Ida Winifred ... ..	1909
cPowtress, Alfred William ... ..	1921
Phillips, Mrs. E. G.	
<i>See Phillips, Hilda M.</i>	
Phillips, Hilda Mary	
<i>See Cliff, Dorothy A.</i>	
cPhillips, John Mills ... ..	1916
Phillips, Winifred ... ..	1903
cPhythian, Mabel, Ph.D.	
(Mrs. F. E. Tylecote) ... ..	1919
cPickard, Edith ... ..	1923
cPickering, Gertrude ... ..	1933
cPickering, Winifred ... ..	1930
<i>APickford, George Hyde...</i> ... ..	1894
cPickford, John Harcourt Stensley ... ..	1931
cPickstone, Helen Sheila ... ..	1928
Pickup, Emily Marjorie Allinson ... ..	1909
cPickup, Eric ... ..	1925
cPierson, Rosamund Katherine ... ..	1926
cPilkington, Sydney Verden ... ..	1922
Pilling, Arnold ... ..	1895
cPilling, Ernest ... ..	1920
cPinck, Annie ... ..	1898
Pinck, Frances Metcalfe ... ..	1902
cPinner, Muriel ... ..	1929
cPiper, Thomas William ... ..	1933
cPiper, Winifred Mary ... ..	1926
Pitt, Charles Perceval ... ..	1913
cPitt, Francis Charles William Arthur... ..	1926
Pitts, Catherine Alice ... ..	1899
<i>APlace, Ernest William</i> ... ..	1885
cPlatt, Annie ... ..	1927
cPlatt, Florence Isabel ... ..	1924

	Date of Degree.
cPlayfoot, Marian Ada ... ..	1928
cPlinston, David ... ..	1929
cPlinston, Elsie ... ..	1926
cPollard, Elsie ... ..	1920
cPollard, Margaret Watson ... ..	1930
<i>Pollard, Phillis Mary</i> ... ..	1912
cPollock, Frederick Edgar Gibson ... ..	1932
Pomeroy, Mrs. A. G.	
<i>See Cliff, Dorothy A.</i>	
cPoole, John Lewis ... ..	1922
cPoppitt, Ronald David ... ..	1933
Popple, Lilian (Mrs. Jerry Whitehead) ... ..	1905
Porritt, Florence Mary (Mrs. Bennett) ... ..	1899
Porteous, Geraldine Alberta ... ..	1902
Porter, Emily ... ..	1911
cPorter, Gladys Mary (Mrs. Slater) ... ..	1918
cPorter, Mary Alice... ..	1906
cPossnett, Phyllis ... ..	1921
Postance, Eva Cecilia	
(Mrs. Edwin Glasgow) ... ..	1899
cPotter, Edna Mary ... ..	1930
cPotter, Margaret Grace... ..	1928
Potter, Mrs. G. R. <i>See Leon, Rachel</i>	
cPotts, Annie Edith ... ..	1922
Potts, Ella ... ..	1909
Potts, Frank ... ..	1914
Poulter, Mrs. E. S. <i>See Winder, Amy P.</i>	
Powell, Arthur Lawrence ... ..	1913
Powell, Francis Palmer ... ..	1899
cPowell, Letitia ... ..	1928
cPowieke, Anna Elizabeth ... ..	1933
<i>Powieke, Gertrude Mary</i> ... ..	1911
cPownall, Clarence Winston ... ..	1929
Pownall, Rose Edith (Mrs. C. P. Wright) ... ..	1909
cPratt, Alan ... ..	1923
Precious, Julia Hopper... ..	1900
cPrendergast, Francis Michael ... ..	1932
cPrescott, Harry William ... ..	1923
cPrescott, Sarah ... ..	1926
cPreston, Muriel ... ..	1931
<i>di Preussenthal, Baroness Menzinger.</i>	
<i>See Jucker, Sylvia M.</i>	
cPrice, Elisabeth Joan ... ..	1932
Price, Ethel Norah ... ..	1907
cPrice, Marjorie Annie ... ..	1925
cPrice, Marjorie Patten ... ..	1933
cPrice, May ... ..	1929
cPrice, Samuel Marion ... ..	1927
cPriestley, May ... ..	1929
Priestnall, Mrs. John. <i>See Cliff, Rose G.</i>	
cPrince, Mary Heathcote ... ..	1930
cPring, Leslie Walford ... ..	1927
cPringle, William Morris ... ..	1932
cPritchard, Mervyn Walthew ... ..	1930
Procter, Harry, LL.B. ... ..	1894
Prosser, Mrs. Alan	
<i>See Williams, Drusilla V.</i>	
Proudlove, Mrs. J. M.	
<i>See Walton, Ethel C.</i>	
cProudlove, Winifred Marjorie ... ..	1923
cProvost, Edith (Mrs. Bertie Wilkinson) ... ..	1918
cProvost, Ellen (Mrs. W. C. Russell) ... ..	1917
cProvost, Ethel (Mrs. R. Bland) ... ..	1922
cProvost, Mary ... ..	1929
cPrynne, Kathleen Mary ... ..	1932
cPuddy, Ella ... ..	1929
cPurcell, Jean ... ..	1933
cPurslove, Kathleen Frances ... ..	1931
cPye, Muriel Barton ... ..	1919
cQuinn, Austin Robert ... ..	1933

1 Head Mistress, Ursuline Convent, Crewe.

\* F.R.C.P.

## B.A.—continued.

	Date of Degree		Date of Degree
cRabinowitz, Sarah ... ..	1928	cRiley, Noel Woodward Taylor ... ..	1920
cRace, Elfrida ... ..	1926	cRiley, Wilfred Stanley ... ..	1925
Race, Mrs. J. H. See Greaves, Edith H.		Roberts, Mrs. Arthur	
Race, Margaret Isobel Wishart ... ..	1914	See Howarth, Mary	
cRack, Henry Tong, B.D. ... ..	1924	cRoberts, Edward Henry ... ..	1933
cRadcliffe, Mabel ... ..	1925	cRoberts, Elra ... ..	1923
cRaddin, Isabella Mary (Mrs. Land) ... ..	1924	Roberts, Florence Edith ... ..	1895
cRainey, Amy (Mrs. Arthur Kipling) ... ..	1922	cRoberts, George Leslie ... ..	1928
cRainey, Elisabeth ... ..	1931	Roberts, Hugh Pierce ... ..	1903
cRalph, Thomas Charles ... ..	1921	cRoberts, John Edgar ... ..	1913
Ramsbottom, Sarah Isabel ... ..	1905	Roberts, Lora Anne ... ..	1909
Ramsden, Agnes (Mrs. S. H. Helwig) ... ..	1922	Roberts, Louisa ... ..	1920
Ramsden, Annie ... ..	1906	cRoberts, Margaret Anne ... ..	1927
Ramsden, John Eli ... ..	1902	cRoberts, Marion ... ..	1931
Randles, Joseph ... ..	1903	cRoberts, Robert Cecil ... ..	1921
cRaper, Robert ... ..	1930	Roberts, Mrs. W. H.	
cRaper, Winifred Mary ... ..	1932	See Raymond, Annie W.	
Ratcliffe, John Laverack ... ..	1901	Roberts, Winifred Wallis	
Ratcliffe, Lillian Mary ... ..	1909	(Mrs. E. G. Hodgkinson)	1914
cRatcliffe, Norah Elizabeth ... ..	1930	cRobertson, Edith Beaton ... ..	1924
cRatledge, Ernest David ... ..	1932	ARobertson, Jane Cumming ... ..	1901
Raven, Hilda Mary (Mrs. Davies) ... ..	1904	cRobins, Albert Leslie ... ..	1922
cRavenscroft, Alma ... ..	1930	cRobins, Grace ... ..	1929
cRawlings, Lillian ... ..	1933	Robinson, Arthur Leigh ... ..	1897
Rawlinson, Mrs. See Hesketh, Emily		Robinson, Catherine (Mrs. T. H. Pear) ... ..	1911
Rawlinson, Mrs. Alec		cRobinson, Edward ... ..	1931
See Wright, Margaret		Robinson, Elizabeth Clare ... ..	1898
cRawson, Freda ... ..	1931	cRobinson, Ernest Henry ... ..	1929
cRayman, Woolfe ... ..	1922	Robinson, Ethel Frances ... ..	1902
Raymond, Annie Walton		Robinson, Ethel Margaret ... ..	1902
(Mrs. W. H. Roberts)	1897	cRobinson, George Arnold ... ..	1933
Rea, Catherine ... ..	1905	Robinson, Mrs. H. A.	
cRedford, Dorothy ... ..	1931	(Mrs. E. G. Hodgkinson)	1914
cReeves, Edwin ... ..	1929	cRobinson, Lillie ... ..	1931
cRegan, Margaret Mary		Robinson, Mrs. Marshall	
(Mrs. Oliver Herford)	1896	See Hornsby, Margery	
cReich, Florence (née Kletz) ... ..	1927	cRobinson, Mary (Mrs. Fred Hargreaves) ... ..	1923
Reichel, Mrs. See Connor, Beatrice H.		cRobinson, Tom ... ..	1925
cReid, Mary ... ..	1901	Robinson, Walter ... ..	1902
cReid, Robert John Saul ... ..	1927	Robinson, Winifred (Mrs. R. B. Boden) ... ..	1916
Reid, Thomas Wemyss ... ..	1910	Robison, Lionel MacDowell ... ..	1908
cRenshaw, Bernard Artonne ... ..	1931	cRodbourn, John Richard ... ..	1931
cReynolds, Francis Maurice ... ..	1931	cRodriguez-Pereira, Benjamin ... ..	1917
cRhoden, Evelyn ... ..	1925	cRogers, Eileen ... ..	1924
cRhodes, Edward Ewart ... ..	1926	cRogers, Elsie ... ..	1922
cRhodes, Frank Connolly ... ..	1933	cRogers, Emerson ... ..	1919
cRhodes, John Sydney, LL.B. ... ..	1923	cRogers, Francis Henry ... ..	1921
cRichards, Edith Margaret Harding ... ..	1924	cRogers, Hadrian Cornelius ... ..	1933
cRichards, Edith Selina ... ..	1930	cRogers, Herbert Sydney ... ..	1919
cRichards, Elizabeth May ... ..	1918	cRogers, Mildred ... ..	1930
Richards, John Slater ... ..	1895	Rogers, Ruth Augusta (Mrs. Tinsley) ... ..	1909
Richardson, Mrs. A. W.		cRogerson, Henry (Harry) ... ..	1916
See Buck, Gertrude B.		Rogerson, Mrs. W. A.	
cRichardson, Bessie ... ..	1924	See Langton, Dorothy M.	
cRichardson, Gladys Maude ... ..	1903	Rogerson, Mrs. See Fraser, Dorothy	
cRichardson, Harold ... ..	1930	cRohleder, Frances Maud	
cRichardson, Mabel ... ..	1916	(Mrs. D. Cardwell)	1919
cRichardson, Margery Edwina ... ..	1928	A Rome, Ethel (Mrs. Hollway) ... ..	1887
cRichman, Mordecai Jehuda ... ..	1928	cRooks, George Frederick ... ..	1933
cRider, Kathleen Emily Isabel		A Roper, Charles ... ..	1886
(Mrs. Duck)	1920	ACRoper, Esther Gertrude ... ..	1891
Ridge, William Sheldon ... ..	1897	cRoper, Muriel ... ..	1923
Ridgway, Mrs. See Dean, Christabel M.		cRoscoe, Ernest ... ..	1920
cRidley, John Robert, B.D. ... ..	1925	Roscoe, Jessie ... ..	1903
cRidyard, Bertha (Mrs. Evans) ... ..	1923	cRoscoe, Marion Frances Hilton	
cRigby, Charles Ronald ... ..	1926	(Mrs. C. T. Carr)	1917
cRigby, John Frederick Charlton ... ..	1931	Roscoe, Robin ... ..	1896
cRigby, Richard ... ..	1933	Rose, Mabel ... ..	1910
cRigby, Thomas Arthur ... ..	1933	Rose, William Alexander ... ..	1894
Rigby, William, B.Sc. ... ..	1902	Rosenberg, Louis ... ..	1912
cRigg, Arthur ... ..	1932	cRosenblum, Gertrude	
Rigg, Fred ... ..	1896	(Mrs. W. Emrys Williams)	1918
cRigby, Winifred Edna ... ..	1924	cRoskell, John Smith ... ..	1933
cRiley, Anastasia Lawrence ... ..	1924	Ross, Blanche Edith ... ..	1899
cRiley, Mary ... ..	1916	cRoss, Edwin Harold Wainsley, B.D. ... ..	1923
cRiley, Mary Kenyon ... ..	1933	cRoss, Kathleen Frances ... ..	1929

B.A.—continued.

	Date of Degree
aRoss, Oswald Bishop ... ..	1893
aRoss, Stewart Buckle Carne ... ..	1899
cRothwell, Alice ... ..	1931
cRothwell, Harry ... ..	1925
cRoulson, Kathleen... ..	1926
Round, Frederick ... ..	1894
cRouse, Richard ... ..	1932
cRousseff, Roussi ... ..	1923
Rowe, Jane Adelaide ... ..	1894
Rowe, Lillie (Mrs. Sweeney) ... ..	1894
Rowe, Mrs. See Linforth, Edith M. E.	
Rowling, Mrs. M. M. ... ..	
See Thexton, Marjorie A.	
cRoxby, Muriel Marguerite ... ..	1925
Royle, Florence West ... ..	1909
cRoyle, Marion... ..	1924
cRubery, Kathleen (Mrs. Smart) ... ..	1922
cRuff, Lorna Annie ... ..	1933
cRule, May Stewardson ... ..	1932
Rundle, Alethea Violet (Mrs. J. Beard)	1914
cRuscoe, Gordon George ... ..	1924
cRush, Thomas Tinker ... ..	1924
cRushforth, Gladys Catherine ... ..	1930
Rushon, Helen ... ..	1914
Russell, Mrs. A. W. ... ..	
See Campbell, Violet S.	
Russell, Mrs. W. C. See Provost, Ellen	
Ruthven, Emily Hope ... ..	1910
Ryan, May ... ..	1890
Rycroft, Mrs. F. J. W.	
See Patreux, Florence	
Rydall, Mrs. See Bradley, Florence M.	
cRyde, Donald Gilbert ... ..	1930
cRyder, John Pearce ... ..	1932
Ryder, Mrs. L. B.	
See Cardwell, Mary N.	
cSackur, Margaret Ruth ... ..	
(Mrs. T. Copeman)	
cSalisbury-Jones, Olwen Evadne... ..	1929
cSambrook, William John ... ..	1929
aSample, John Alexander ... ..	1894
cSamuel, Alice Jane ... ..	1917
Samuels, Frederick ... ..	1914
cSanders, Alberta Irene ... ..	
(Mrs. F. W. Hindes)	
aSanders, Harold Freer ... ..	1893
cSanders, Muriel (Mrs. Cowpe) ... ..	1926
cSanderson, Hilda ... ..	1925
Sandiford, Mary (Mrs. S. H. Eva) ... ..	1909
cSandiford, Mildred... ..	1925
Sandison, Mrs T. T. ... ..	
See Chambers, Mary E.	
Sankey, William Henry, M.Ed. ... ..	1911
cSausvain, Alan... ..	1930
Savage, Hilda... ..	1903
cSavigny, William Bryan ... ..	1930
cSaxton, Gwendoline Annie Marjorie ... ..	1929
cSayer, Dorothy May ... ..	1922
cScandrett, May Hayward ... ..	1929
cScarr, William Fielden ... ..	1922
cSchippers, Katharine Elizabeth ... ..	
cSchmitt, Wilfred, B.D. ... ..	1917
(now Wilfred Smith: graduated B.D. as Smith)	
cSchofield, Daphne Bulkeley... ..	1930
cSchofield, Edna ... ..	1920
Schofield, Elsie ... ..	
cSchofield, Frank Raymond ... ..	1926
cSchofield, Henry Norman ... ..	1919
Schofield, Samuel Ogden ... ..	1913
cScholes, Dorothy Elizabeth ... ..	1922
cScholes, Nellie ... ..	1932
cScorey, Charlotte Wakely ... ..	1921
cScott, Annie Margaret Lee ... ..	1917
cScott, Harry MacLennan ... ..	1929
cScott, Margaret (Mrs. H. R. Fowler) ... ..	1896

	Date of Degree
cScott, Sheila Maude ... ..	1933
Scott, Mrs. See Board, Beatrice M.	
Scotter, Gordon St. Clair ... ..	1913
Scrmiger, Gertrude Elsie ... ..	
(Mrs. W. Willis)	
Scruton, Harriet Annie... ..	1905
Scruton, Kate Ellen ... ..	1903
cScoullion, Margaret ... ..	1904
cScal, Gladys Winifrid ... ..	1932
cSearle, Dorothy Viti ... ..	1933
Seaton, Mrs. See Haughton, L. H. A.	1916
cSeddon, Helen (Mrs. A. Earnshaw) ... ..	1922
cSeddon, Louie ... ..	1927
cSeeley, Henry Carl... ..	1928
cSellers, Joseph ... ..	1932
cSemper, Wilfred Herbert ... ..	1928
cSetzer, Frieda Mabel (Mrs. E. L. Lycett)	1924
cShaffer, Hilda... ..	1928
cShand, Mary Garrow ... ..	1930
cShanks, Muriel Isabella... ..	1931
cSharp, John Victor James ... ..	1927
cSharp, Phyllis... ..	1921
cSharpe, Annie Mary ... ..	1928
cSharples, Alfred Cyril ... ..	1933
cSharples, Helen ... ..	1921
cSharples, Nellie Mary ... ..	
(Mrs. D. J. Thomas)	
cSharples, Norah (Mrs. Brooks) ... ..	1921
cSharpley, John Warner... ..	1922
Shave, Alfred ... ..	1895
cShaw, Charles Edward ... ..	1899
cShaw, Dorothy Annie ... ..	1933
cShaw, Ethel Lydia ... ..	1933
Shaw, Jeannette Booth... ..	1907
cShaw, John William ... ..	1922
cShaw, Winnie Malcolm... ..	1922
Sheard, Mary Beatrice ... ..	1895
cShepherd, Frank ... ..	1931
Shepherd, Mrs. M. ... ..	
See Bunting, Hilda M.	
cShepherd, William Henry ... ..	1932
cSherratt, Norah (Mrs. Arthur Ingham)	1924
cShield, Mary Winifred ... ..	1933
cShuldrick, Benjamin Christopher... ..	1931
Shingler, Mrs. See Gatley, Amy	
cShoher, Louise ... ..	1929
cShort, Graham ... ..	1928
Short, Walter ... ..	
cShorter, Alfred Henry ... ..	1907
cSibley, William Alfred ... ..	1933
cSibley, William Alfred ... ..	1923
Sidebotham, Mrs. See Baynes, Amy P.	
Silverstone, Maurice ... ..	1909
cSimmons, Frank ... ..	1917
cSimms, Marie ... ..	1928
Simon, Grace Elizabeth (Mrs. Harrison)	1910
aSimon, John Edwin ... ..	1893
Simon, Nora (Mrs. S. L. Besso) ... ..	1912
cSimpkin, Olive Mary ... ..	1926
cSimpson, Annie ... ..	1926
cSimpson, Barbara Taylor ... ..	1932
cSimpson, Fanny (Mrs. Watson) ... ..	1910
Simpson, Frances Eunice ... ..	1909
cSimpson, Frank ... ..	1926
cSimpson, Hilda Mary ... ..	1921
Simpson, Mrs. L. See Snowden, Bessie	
cSimpson, Margaret ... ..	1919
Simpson, Robert ... ..	1906
cSimpson, Sarah ... ..	1930
Single, Annie ... ..	1911
Sinkinson, Mrs. See Taylor, Mary H.	
cSircom, Geoffrey ... ..	1932
Skinner, Mabel ... ..	1904
cSlaney, Mabel Myrre ... ..	1926
cSlater, Marion ... ..	1930
cSlater, Mary Kenyon ... ..	1933
cSlater, Nellie ... ..	1928
cSlater, Sheila Monahan... ..	1932



## B.A.—continued.

Date of  
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Slater, Mrs. See Porter, Gladys M.	
cSlinger, Annie...	1932
cSlinger, Bertha...	1928
Sloss, Duncan John...	1903
cSmart, Silas Allen...	1922
Smart, Mrs. See Layland, Anne H.	
Smart, Mrs. See Rubery, Kathleen	
cSmith, Anne...	1928
cSmith, Annie Cowie...	1928
cSmith, Blanche Marie...	1931
cSmith, Caroline Agnes...	1926
cSmith, Dora...	1933
cSmith, Dorothy Edith...	1933
cSmith, Douglas...	1932
cSmith, Ethel...	1921
ASmith, Florence (Mrs. Jones)...	1897
rSmith, Frank, B.Sc.	1907
cSmith, Gertrude (Mrs. G. M. Bark)...	1917
cSmith, Gertrude Mary...	1933
Smith, Mrs. H. L. See Ogden, Elizabeth	
ASmith, James Henry...	1893
Smith, Mrs. J. W. See Whitehead, Ellen E.	
cSmith, Lawrence...	1932
cSmith, Lillie...	1898
cSmith, Marjorie Glanvil...	1929
Smith, Mary...	1910
cSmith, Mary Waugh (Mrs. J. Henderson)...	1922
cSmith, Nora May...	1923
Smith, Quinton Livingstone...	1910
csSmith, Richard Andrew, LL.B.	1898
Smith, Mrs. R. A. See Whiteside, Enid	
c3Smith, Robert Thornton...	1927
Smith, Mrs. R. T. See Firth, Lily	
Smith, Sidney...	1914
cSmith, Thomas Keighley...	1932
cSmith, Vera...	1923
Smith, Wilfred. See Schmitt, Wilfred	
ASmith, William, B.Sc.	1900
cSmith, William...	1930
cSmith, Willie...	1926
cSmithies, Dorothy Evelyn...	1933
cSmithies, Ethel Margaret...	1932
cSmythe, Louis Henry Marner (now L. H. Marner-Smythe)	1901
cSnape, Percy...	1933
cSnape, Thomas...	1923
Snodgrass, Mrs. See Southerst, Dora	
cSnowdon, Bessie (Mrs. Leonard Simpson)	1916
cSobee, Frederick James...	1922
Soley, Mrs. C. E. See Noble, Gertrude L.	
cSosbe, Sarah Madalene (Mrs. W. T. P. Wheeler)	1925
Southerst, Dora (Mrs. Snodgrass)...	1907
cSouthwell, Kathleen Annie...	1930
cSouthworth, John Fletcher, B.D.	1927
cSouthworth, Margaret...	1925
Spaulding, Mrs. J. See Trigger, Winifred E.	
cSpeakman, Wilfred...	1922
cSpedding, Walter William...	1921
cSpeddy, William Sumner...	1932
Spechley, Mrs. H. M. See Barrett, Mary	
cSpencer, Edith...	1920
cSpencer, Florence Muriel...	1929
cSpencer, Lillie Agnes...	1927
Spuri, Mrs. See Klein, Henriette	
Stattord, Ethel (Mrs. G. L. A. Turnbull)	1906
cStattord, Philis...	1917

## Stallybrass, Mrs.

See Weatherhead, Irene	
Standing, Harold...	1914
Stanley, Henry Edmund Thomas...	1892
Stapleton, Arthur Leonard...	1904
cStead, Geoffrey...	1931
Stedefeld, Mrs. E. T. A. See Fortune, Mabel	
cSteel, George Roy...	1930
Steele, Lily Henly (Mrs. Millar)...	1902
cSteiner, Hilda Constance...	1932
cStelling, Dora Olga Alicia...	1924
cStephens, Averil Bowen...	1930
cStephenson, Hilda...	1926
Stephenson, Robert Irwin...	1900
cStevenson, Kathleen Mary...	1928
Stevenson, Maud Worsley...	1906
cStewart, James Alan...	1930
cStewart, Mabel...	1930
cStewart, Muriel...	1927
cStewart, William...	1930
cStimpson, Beryl Hilda...	1933
cStirling, James Clarke Paul...	1924
cStirrup, Walter...	1922
cStockley, Norah...	1930
cStocks, George Randal...	1932
cStoddard, Gladys Meredith...	1927
cStone, Annie Darbyshire...	1926
cStone, Gertrude...	1901
cStone, Phyllis May...	1914
cStonex, Norman Tinley...	1925
cStooke, Kathleen Margaret (Mrs. W. E. Page)	1922
cStorey, Olive Margaret...	1925
cStory, Jeanie Douglas...	1913
cStory, Winifred...	1925
cStott, Godfrey...	1924
cStott, Joan Margaret...	1931
cStott, John Robert Crossley...	1928
cStott, Lizzie...	1916
cStowell, Harry...	1916
Strachan, Blanche...	1913
cStrange, Gladys Maude (Mrs. G. R. Walkden)	1917
Straw, Mrs. G. J. See Broadbent, Florence M.	
Stringer, Mrs. G. L. See Bullock, Amy	
Struthers, Mrs. See Williams, Enid M.	
cStubbs, Linda (Mrs. T. W. Owen)...	1928
cStudholme, Mary...	1921
Sturge, Mrs. P. D. See Graham, Rachel	
cStyan, Minnie...	1927
cSudworth, Eveline...	1923
cSugden, Marcelle Winifred...	1925
cSumner, Joseph...	1892
cSunderland, Norman...	1930
cSunman, Mary...	1927
Sunman, Mrs. See Oliver, Lotie	
cSurman, Charles Edward...	1931
cSusman, Flora...	1922
cSutcliffe, Albert...	1932
Sutcliffe, Alfred...	1896
Sutcliffe, Mrs. See Mather, Ida M.	
Sutton, Alice Maud Ellen (Mrs. D. C. Beggs)	1888
cSutton, Gwendoline Mary...	1933
Swaine, Elsie Newton...	1912
Swaine, George Arthur...	1901
Sweeney, Mrs. See Rowe, Lillie	
cSwire, Kathleen Enid...	1929
Swithenbank, Dora (Mrs. Green)...	1903
Syers, Anne Gaskell...	1911
cSykes, Marion...	1930

1 Professor of Education, University of Leeds.

2 Chief Solicitor, Attorney General's Department, Alberta, Canada.

3 Head Master of Friends' School, Tananarivo, Madagascar.

B.A.—continued.

	Date of Degree
cSykes, May	1925
cSykes, Sara Edith	1932
cTalbot, Cyril	1928
cTallthman, David	1927
acTasker, William Henry	1885
cTattersall, Mary	1920
Tattersfield, Mrs. F.	
Tavil, Mrs. Joseph.	
See Campbell, Jamie	
See Levy, Louie Evelyn	
cTaylor, Alice	1927
cTaylor, Alice Irene	1923
Taylor, Mrs. A. L.	See Moss, Evelyn
cTaylor, Beatrice	1929
cTaylor, Dora Margaret	1917
cTaylor, Elizabeth Annie	1932
cTaylor, Elizabeth May	1927
cTaylor, Frederick	1924
Taylor, Henrietta	1913
cTaylor, John	1922
cTaylor, John Gresham	1929
acTaylor, John Percy	1888
cTaylor, John Whitfield	1929
cTaylor, Karl	1929
cTaylor, Kathleen Ruth	1922
cTaylor, Lavinia	1924
cTaylor, Lizzie	1918
cTaylor, Marion	1926
cTaylor, Mary Beatrice	1923
aTaylor, Mary Hannah (Mrs. Sinkinson)	1900
cTaylor, Mary Katherine	1931
cTaylor, Robert	1916
Taylor, Robert Lester	1916
Taylor, Ruth (Mrs. Harold Evans)	1902
cTaylor, William Cecil, LL.B.	1921
cTaylor, Wilson	1927
Taylor, Mrs.	See Gorst, Annie
cTeasdale, Agnes	1926
Teasdale, John Bertram	1913
cTeece, Amy	1923
cTemperley, Mary Elizabeth (Mrs. Lord)	1926
cTennant, Bernard Victor Ashlin	1905
acTerry, Thomas Leonard	1884
cTetlow, Max Booth	1931
Theobald, Bernard Gage	1895
cThexton, Marjorie Alice	
(Mrs. M. M. Rowling)	1921
cThomas, Albert	1916
cThomas, Annie Letitia	
(Mrs. A. M. Moncrieff)	1915
Thomas, Constance Kate	1904
cThomas, Dillys Mary (Mrs. J. B. Dean)	1927
Thomas, Mrs. D. J.	
See Sharples, Nellie M.	
cThomas, Martha (Mrs. D. S. B. Heath)	1924
cThomas, Muriel Annie	1928
Thomas, Percy Goronwy	1896
Thomas, Ursula	1916
Thomasson, Elizabeth Ann	
(Mrs. M. Davies)	1904
cThompson, Arthur William	1922
Thompson, Mrs. E. R.	
See Lejeune, Caroline A.	
cThompson, Frances	1933
cThompson, Geoffrey Ernest	1927
Thompson, Mrs. G.	See Burgess, Hilda
cThompson, Jessie	1926
cThompson, Joan	1929
Thompson, Mary Christine (Mrs. Mellor)	1905
Thompson, Mrs. N. P.	
See McLachlan, Marion W.	
cThompson, Rachel Dorothy	1932
cThompson, Robert Eric	1934

Thompson, Mrs.	See Jones, Marjorie
Thompson, Mrs.	See Walker, Julia B.
Thomson, Andrew	1894
Thomson, Mrs. C. E.	
See Frankland, Lilian W.	
cThomson, Elsie Winifred	1932
Thorburn, Alexander Douglas	1903
Thornley, Frank	1907
cThornton, Delia	1930
cThornton, Phyllis Pearson	1929
Thorp, Harold Kendall Kelly	1902
cThorp, Jim	1935
cThorpe, Ethel	1918
Tickle, Thomas	1901
cTierney, Annie	1925
cTiffany, Margaret	1933
cTindall, George	1927
cTindall, Samuel	1891
cTinkler, Joseph Lumsden	1923
cTinn, Lilian	1933
cTipping, Mary Anne (Mrs. D. O'Gara)	1924
cTitterington, Muriel Sutherland	1933
cTodd, Francis Raymond	1928
cTomblin, Marjory	1926
cTomkinson, Doris	1929
cTomlinson, Marion Howard	1931
cTomlinson, Mary	1929
tTonge, Alice Mary	1930
cTonge, Malcolm Wallace	1933
cTonge, William	1915
Tooner, Kathleen Mary (Mrs.)	1911
cTootill, Arthur	1927
cTootill, Frances Elizabeth	1931
cTootill, Kathleen Beatrice Phyllis	1925
cTopham, Alice Margaret	1923
Topham, Mrs. A. C.	See Perry, Dorothy
Townsend, Mrs. G.	See Williams, Jessie G.
cTreharne, Enid Muriel	1930
cTrevor, Kathleen	1931
Trietschel, John Albert Martin	1894
Trigger, Winifred Ethel	
(Mrs. J. Spalding)	1912
cTroup, Hannah Céleste	1922
cTrueblood, Robert Percival	1917
Truman, Mrs.	See Owen, Dorothy E. T.
ATrott, Herbert Alfred	1893
cTucker, Gladys Dean	1930
cTudsbury, John Sheridan	1930
cTuer, Eileen Edna	1926
Turnbull, Mrs. G. L. A.	
See Stafford, Ethel	
cTurner, Annie (Mrs. T. G. Parker)	1917
cTurner, Edna	1927
cTurner, Frederick Bancroft, LL.B.	1913
cTurner, Gertrude Madge	1927
Turner, John Edward	1897
cTurner, Wilfrid	1926
Turton, Arthur Edward	1900
Turton, Charlotte	1898
Twisse, Sarah	1904
cTwist, Marjorie	1923
Twynam, Henry Joseph	1907
Tylecote, Mrs. F. E.	
See Phythian, Mabel	
cUnwin, Phyllis	1933
cUnsworth, Florence Medicott	1930
cUpright, Norman, B.D.	1929
cUsher, William	1916
cUttley, Thomas William	1902
cVarcoe, Doris	1917
*Varley, Russell	1912

B.A.—continued.	Date of Degree	Date of Degree	
cVaughan, Clarice ... ..	1919	cWalwyn, Helen Lester	1928
Vaughan, Frank Heming ... ..	1899	(Mrs. R. Castley)	1928
cVernon, Helen Newton ... ..	1927	cWarburton, Gwendoline ... ..	1924
cVessey, Marjorie Dawson ... ..	1930	Warburton, Thomas Marshall ... ..	1912
cVickery, Pauline Winifred ... ..	1917	cWard, Cyril ... ..	1929
Viner, Mary (Mrs. Claydon) ... ..	1907	cWard, Dorothy Margery Herdman ... ..	1917
cVity, Winifred (Mrs. Jones) ... ..	1922	cWard, Edna Kathleen (Mrs. Pestre) ... ..	1921
Waddington, Dorothy (Mrs. Chalmers) ... ..	1904	Ward, Grith ... ..	1894
cWaddington, John Wilfred ... ..	1930	cWard, Margaret Ellen ... ..	1933
Waddington, Marie Emma ... ..	1912	cWard, Norman ... ..	1932
cWaddington, Wilfred, B.D. ... ..	1928	Ward, Mrs. R.	
cWade, Norah Emily ... ..	1932	See Houghton, Elizabeth A.	
Wade, Spencer ... ..	1913	cWardle, John ... ..	1922
Wade, Zipporah Jane ... ..	1910	Wardlow, Ethel ... ..	1906
Wadsworth, Amy (Mrs. J. Charnock) ... ..	1905	cWareham, Elsie Mary ... ..	1933
cWadsworth, Gladys ... ..	1926	cWaring, Alice Irene ... ..	1927
Wadsworth, Millicent ... ..	1905	cWarrington, Mary ... ..	1933
Wadsworth, Mrs. See Fleming, Mabel		cWarwick, Joseph Lester ... ..	1920
Wagener, Mrs. F. J.		cWaterhouse, James ... ..	1925
See Dobson, Catherine M. J. A.		cWaterhouse, Mary ... ..	1931
Wager, Mrs. H. W. T. See Miall, Winifred		cWatkin, Eleanor Bainbridge	
cWainman, Ethel ... ..	1918	(Mrs. H. J. Osgathorp)	1923
Wainman, Mrs. H.		cWatson, Alice Mary (Mrs. Lees) ... ..	1910
See Harrison, Eliza A.		cWatson, Annie ... ..	1922
cWainwright, Mary ... ..	1931	cWatson, Beatrice Mary	
cWainwright, Nancy ... ..	1932	(Mrs. J. F. Wheelhouse)	1917
cWaite, George ... ..	1933	cWatson, Clifford James Joseph ... ..	1922
Wakefield, Florrie ... ..	1911	cWatson, Doris (Mrs. N. T. Goff) ... ..	1924
cWakeham, Hilda Forster ... ..	1920	cWatson, George Stanley ... ..	1919
Walker, Heinrich ... ..	1889	cWatson, Nora Creina ... ..	1931
Walkden, Mrs. G. R.		cWatson, Thomas ... ..	1932
See Strange, Gladys Maude		cWatson, Winifred Mary ... ..	1932
Walker, Ada (Mrs. Bentley) ... ..	1900	Watson, Mrs. See Simpson, Fanny	
cWalker, Alice (Mrs. H. N. Morland) ... ..	1921	cWatts, John Robert ... ..	1932
Walker, Archibald Lewis ... ..	1901	cWeatherhead, Gertrude ... ..	1928
Walker, Mrs. Arthur		Weatherhead, Irene (Mrs. Stallybrass)	1900
See Hadfield, Ellen		cWebb, Beatrice ... ..	1925
cWalker, Doris May (Mrs. J. D. Peattie) ... ..	1917	cWebb, Kathleen Stewart ... ..	1931
cWalker, Douglas Christopher ... ..	1933	Webb, Mrs. L. M. See Burton, Olive M.	
cWalker, Edith ... ..	1922	Webb, Walter Herbert ... ..	1895
Walker, Mrs. F. See McLaine, Helen M.		cWebster, Irene Alice ... ..	1928
cWalker, John Beat ... ..	1915	Webster, Lily (Mrs. Harold Aldred) ... ..	1909
Walker, Julia Beatrice (Mrs. Thompson) ... ..	1902	Webster, Mary Elizabeth	
cWalker, Marjorie Vernon		(Mrs. W. Flower)	1901
(Mrs. G. M. Mercer)	1931	Weir, John Loudon ... ..	1903
cWalker, Muriel Clarkson ... ..	1930	cWeisgard, Ruth ... ..	1930
cWalker, William John ... ..	1928	cWeitzman, David ... ..	1921
cWall, Cyril Frederic Leonard ... ..	1932	cWelford, Alice Margaret	
Wall, Mrs. See Wilson, Edith		cWellard, Marjorie (Mrs. H. H. George) ... ..	1920
cWallace, Eric ... ..	1931	Welpton, Mrs. See Gray, Catherine I.	
cWallbank, Edwin Wallis ... ..	1930	cWelsh, Constance Agnes ... ..	1932
cWallbridge, Percy Edward ... ..	1922	cWerschy, Greta Newton ... ..	1931
cWaller, Dennis Leigh ... ..	1931	West, Mrs. R. A. See Grice, Eva	
Waller, Thomas Edge ... ..	1902	cWeston, Amy ... ..	1929
cWalley, Nance Mira ... ..	1932	cWeston, Anne Jane ... ..	1924
Wallhead, Elsie Adeline ... ..	1903	Weston, Elsie Margaret (Mrs. Boyle) ... ..	1910
cWalling, Eva (Mrs. J. Hartley) ... ..	1919	Weston, Mrs. G. E.	
Wallis, John Peter Richard ... ..	1903	See Burton, Marguerite R.	
cWalmesley, Phyllis ... ..	1927	cWeston, Lillie (Mrs. E. H. Fry) ... ..	1921
cWalmesley, Elizabeth Ann Mabel		cWeston, William Guy ... ..	1928
(Mrs. John Bowden)	1921	Weston, Mrs. W. G. See Chettle, Joan	
cWalmesley, Mary Victoria ... ..	1927	Wheatley, Mrs. See Dobson, Constance	
cWalmesley, Norman ... ..	1932	Wheeler, Mrs. W. T. P.	
cWalsh, Francis ... ..	1926	See Sosbe, Sarah M.	
cWalters, Constance Mary Eileen ... ..	1927	Wheelhouse, Mrs. J. P.	
acWalthew, Florence Annie		See Watson, Beatrice M.	
(Mrs. George Byrne)	1894	cWhewell, Helen ... ..	1928
cWalton, Edith Alice ... ..	1920	cWhitaker, Jack Bowling ... ..	1931
Walton, Ethel Constance		cWhitby, George Stanley ... ..	1931
(Mrs. J. M. Proudlove)	1898	White, Mrs. Arthur.	
Walton, Florence Helen (Mrs. Lumb)	1900	See Bottomley, Phyllis M.	
cWalton, Neville Winston ... ..	1932	cWhite, Edgar John ... ..	1922
cWalton, Thomas ... ..	1926	White, Ethel ... ..	1903
cWalton, William ... ..	1926	cWhite, Florence ... ..	1926
cWalwyn, Bertha Elizabeth ... ..	1921	cWhite, Fred ... ..	1931
		White, Mrs. J. D. See Wood, Harriet H.	

B.A.—continued.

	Date of Degree
cWhitehead, Ellen Elizabeth (Mrs. J. W. Smith) ...	1924
cWhitehead, Gladys Mary ...	1930
Whitehead, Mrs. J. See Marshall, Kathleen M. Whitehead, Mrs. Jerry. See Popple, Lillian	
cWhitehead, John Benson ...	1923
Whitehead, Mrs. T. A. See Lunn, Dorothy F.	
cWhitehouse, Kathleen Mary ...	1933
cWhiteley, Dorothy Elizabeth ...	1930
cWhiteley, Frank ...	1925
cWhiteley, John Hazard ...	1931
cWhiteman, Philip Crabbe ...	1919
cWhitson, Enid (Mrs. R. A. Smith) ...	1924
Whitson, John ...	1893
Whitlock, Percy Oddie ...	1904
Whitlow, John Penrose ...	1903
cWhitmore, Alice May ...	1922
cWhittaker, Edith Mary ...	1924
cWhittaker, Edna Alice ...	1929
Whittaker, Mrs. J. E. See Fletcher, Annie C.	
cWhittaker, Jessie ...	1931
cWhittaker, Marjorie Irene ...	1931
Whittaker, Roslyn ...	1909
cWhittaker, Ronald Vyvan ...	1933
cWhittington, Marie Louise ...	1931
cWhittle, Edith ...	1930
cWhitton, Harold ...	1932
Whitton, Helen Grace ...	1901
cWhitton, Norman ...	1929
cWhitworth, Doris ...	1925
cWhitworth, Mabel ...	1933
cWhyatt, Clifford Burton ...	1933
cWhyman, Gordon Philip ...	1931
cWiffen, Albert John ...	1933
Wightman, Mrs. W. G. See Brodmeier, Edith L.	
cWigley, Alfred Lanceley, B.D. ...	1926
cWigley, Henry Townsend, B.D. ...	1917
cWilcock, John ...	1921
cWilcox, Edwin Frederick Robert ...	1923
cWilcox, Margaret Travis ...	1933
cWild, Bertha ...	1924
cWildbore, Edward William Redstone ...	1922
cWile, Geoffrey ...	1932
cWiles, Carlos Edward ...	1925
cWilkinson, Annie ...	1918
cWilkinson, Arthur ...	1929
Wilkinson, Mrs. Bertie. See Provost, Edith	
cWilkinson, Caroline Maud ...	1919
Wilkinson, Dorothy Constance (Mrs. W. B. Barker)	1904
cWilkinson, Dorothy Elizabeth Lucy ...	1918
cWilkinson, John Thomas, B.D. ...	1917
cWilkinson, Margaret ...	1933
cWilkinson, Margaret Eleanor ...	1933
cWilkinson, Margaret Gwentyth ...	1929
cWilkinson, Stanley ...	1927
cWilkinson, Winifred ...	1930
cWillatt, Anna Mary ...	1926
cWillatt, Malcolm Barker ...	1929
Willatt, Richard Leslie ...	1913
Wilcock, Mrs. P. D. See Gaukroger, Kathleen	
Willey, Robert Bayne ...	1889
cWilliams, Constance Phyllis Bays ...	1930
cWilliams, Drusilla Vaughan (Mrs. Alan Prosser)	1929
Williams, Edith Sophia ...	1901
cWilliams, Edna Beryl ...	1932

cWilliams, Elsie Livesey (Mrs. T. G. Newcomen)	1919
cWilliams, Enid Mary (Mrs. Struthers)	1921
Williams, Erna Evadne ...	1922
Williams, Esther ...	1904
cWilliams, Florence Jessie ...	1924
Williams, George ...	1907
cWilliams, Gwyneth ...	1930
Williams, Harold Edmund ...	1897
cWilliams, Henry John Agate (Now H. J. Agate-Williams)	1922
cWilliams, Herbert Lewis Octavius ...	1923
Williams, Isaac Rhystyd ...	1903
Williams, James Griffith ...	1901
cWilliams, Jessie ...	1918
Williams, Jessie Gertrude (Mrs. Townsend)	1903
cWilliams, Joan Ruth Dixon ...	1932
Williams, John David Ellis ...	1902
cWilliams, John Ronald ...	1926
cWilliams, Kathleen Mary ...	1931
cWilliams, Mary Grace ...	1930
cWilliams, Mary Isobel ...	1930
cWilliams, Mary Marjorie ...	1933
cWilliams, Maud Millicent ...	1927
cWilliams, Nancy Doreen Morris ...	1927
cWilliams, Rachel Nora Jenkins ...	1923
cWilliams, Roland Sylvester Dennis ...	1927
cWilliams, William Emrys ...	1918
Williams, Mrs. W. Emrys. See Rosenblum, Gertrude	
Williamson, Alice Frances Ada ...	1914
cWilliamson, Fred ...	1933
AWilliamson, Lillian (Mrs. S. F. Forrester)	1901
cWilliamson, Louisa Elizabeth ...	1921
cWillis, Barbara Kirsteen ...	1920
cWillis, Doris ...	1931
Willis, Mrs. W. See Scrimiger, Gertrude E.	
cWillson, Amelia Hilda (Mrs. G. R. Allen)	1918
cWillson, Mildred ...	1929
Wilmore, Sarah Elizabeth ...	1903
Wilmore, Mrs. See Holgate, Bessie.	
cWilson, Alfred ...	1922
cWilson, Annie Davison ...	1923
Wilson, Cyril. See Wolkenberg C.	
cWilson, Doris Edith ...	1920
Wilson, Edith (Mrs. Wall) ...	1909
cWilson, Edward, B.D. ...	1930
cWilson, Flora ...	1926
Wilson, Florence ...	1901
Wilson, Harold James ...	1900
cWilson, Hilda Elizabeth ...	1924
Wilson, James Alexander ...	1901
cWilson, Jeanie ...	1930
cWilson, Mabel ...	1917
cWilson, Mary (Mrs. Wood) ...	1926
Wilson, Mary Gertrude ...	1904
Wilson, Muriel ...	1907
Wilson, Robert Williams ...	1894
Wilson, Selina Ethel ...	1904
cWilson, Winifred Margaret ...	1931
Wilson, Mrs. See Winstanley, Maude	
cWinder, Amy Phyllis (Mrs. E. S. Poulter)	1921
Winkworth, Mrs. S. R. See Learmonth, Janie	
cWinn, Constance Eileen Harrison ...	1926
cWinn, Annis ...	1925
cWinstanley, Edith (Mrs. Thomas Kelly) ...	1929
cWinstanley, Edward William ...	1893
cWinstanley, Mabel Annell ...	1926
cWinstanley, Mary Cowell ...	1923
Winstanley, Maude (Mrs. Wilson) ...	1910

B.A.—continued.	Date of Degree	Date of Degree	
cWintour, Cora ... ..	1923	cWorswick, Millicent Frederica, B.Sc. ... ..	1906
ciWolfe, Clarence Albert Edward ... ..	1915	cWorthen, Frederic Morley ... ..	1928
Wolkenberg, Cyril ( <i>now</i> Wilson) ... ..	1899	Worthington, Joseph ... ..	1904
cWollaston, Elizabeth Mary		Wragg, Florence ... ..	1911
(Mrs. A. H. Kenyon) ... ..	1932	cWright, Albert Leslie ... ..	1930
Wolstenholme, Mrs.		Wright, Mrs. C. P. <i>See</i> Pownall, Rose E.	
<i>See</i> Goodwin, Cathleen M.		cWright, Doris ... ..	1925
cWood, Dorothy ... ..	1925	Wright, Emily ... ..	1905
cWood, Dorothy Jeau ... ..	1933	<i>Wright, Gertrude Margaret</i>	
Wood, Edith Gladys		(Mrs. James Leather) ... ..	1920
(Mrs. H. A. Robinson) ... ..	1906	cWright, Margaret	
cWood, Edward Rudolf ... ..	1927	(Mrs. Alec Rawlinson) ... ..	1927
cWood, Elsie Mary ... ..	1929	cWright, Marjorie Eliza ... ..	1926
<i>Wood, George Arnold</i> ... ..	1885	cWright, Mary Frances ... ..	1933
cWood, Grace Margaret ... ..	1925	cWright, Nora Dennison ... ..	1930
cWood, Harold ... ..	1922	Wright, Mrs. <i>See</i> Hindmarch, Marion.	
Wood, Harriet Helena (Mrs. J. D. White) ... ..	1907	cWrigley, Edith (Mrs. J. Dilworth) ... ..	1923
AcWood, Jane Fearn ... ..	1896	cWrigley, Joan Winifred ... ..	1932
Wood, Jessie Graham ... ..	1903	cWyatt, Agnes Lilian ... ..	1931
cWood, John Leslie ... ..	1932	cWyatt, Geoffrey ... ..	1931
cWood, Norman Wright ... ..	1924		
cWood, Robert Walter Lockyer ... ..	1931		
cWood, Sheila Maud ... ..	1926		
cWood, William Jefferson ... ..	1930		
Wood, Mrs. <i>See</i> Wilson, Mary			
cWoodall, Hilda Mary ... ..	1918	cYarwood, Edith ... ..	1931
cWoodall, John Emmett ... ..	1926	Yates, Ada Bolton ... ..	1912
cWoodall, Ronald Selkirk ... ..	1930	Yates, Annie ... ..	1903
cWoodhead, Eileen Mabel ... ..	1930	cYates, Audrey Alice ... ..	1929
cWoodmass, Doris Mary ... ..	1926	cYates, Elsie ... ..	1928
cWoods, Florrie ... ..	1925	cYates, Olive ... ..	1932
cWoollenden, Janet ... ..	1924	cYoffey, Sarah (Mrs. E. M. Epstein) ... ..	1921
cWoollif, Eva (Mrs. Munro Betten) ... ..	1920	cYoffey, Taube ... ..	1926
Wooll, Edward ... ..	1897	cYoule, Edna ... ..	1921
Woolley, Mrs. H. S.		Young, Mrs. E. F.	
<i>See</i> Howarth, Hilda B.		<i>See</i> Martin, Kathleen M.	
Wormell, Charles Edward ... ..	1908	cYoung, Edith Marjorie ... ..	1930
Worrall, Bessie (Mrs. D. J. Davies) ... ..	1910	cYoung, Myrtle Amy ... ..	1924
		Young, Norman Malcolm ... ..	1907
		Young, William Thomas ... ..	1920
		Younie, Mrs. <i>See</i> Jackson, Alice	

## FACULTY OF SCIENCE.

## D.Sc.

c4Andrew, John Harold ... ..	1915	AcBradshaw, Lawrence ... ..	1907
cAntonoff, Georges ... ..	1920	c7Brierley, William Broadhurst ... ..	1921
AcArdern, Edward ... ..	1918	<i>AcBrightmore, Arthur William</i> ... ..	1898
<i>AcAshton, Harold Thomas</i> ... ..	1900	cBuckley, Harold Eugene ... ..	1932
AcAshworth, James Reginald ... ..	1903	<i>AcBurgess, Charles Huichens</i> ... ..	1906
cAtack, Frederick William, M.Sc.Tech. ... ..	1921	<i>Cain, John Camell</i> ... ..	1904
		cCampbell, Arthur Fred ... ..	1922
cBailey, Wilfrid Norman ... ..	1931	cCampbell, Colin ... ..	1921
cBaker, Wilson, Ph.D. ... ..	1933	AcCapstick, John Walton ... ..	1893
c5Bangham, Donald Hugh ... ..	1927	<i>Carrington, Herbert, M.Sc.Tech.</i> ... ..	1927
cBeard, John ... ..	1894	cCaspari, William Augustus ... ..	1916
AcBentley, William Henry ... ..	1906	*c10Chapman, Sydney ... ..	1912
cBishop, Ann ... ..	1932	AcColman, Harold Govett ... ..	1909
*Ac6Bone, William Arthur ... ..	1897	c11Cook, Gilbert ... ..	1920
cBradley, Albert James, Ph.D. ... ..	1933	cCopisara, Maurice ... ..	1925

- 1 Warden of Aberlour (Banffshire) Orphanage.
- 2 Late Professor of History in the University of Sydney.
- 3 Head Mistress, Hacooby School, near Bourne, Lincs.
- 4 Professor of Metallurgy in the University of Sheffield.
- 5 Professor of Physical and Inorganic Chemistry in the Egyptian University, Cairo.
- 6 Professor of Fuel and Refractory Materials in the Imperial College of Science and Technology, South Kensington.
- 7 Professor of Agricultural Botany in the University of Reading.
- 8 Late Professor of Constructive Engineering and Surveying at the R.I.E. College, Cooper's Hill.
- 9 Fellow of Trinity College, Cambridge.
- 10 Chief Professor of Mathematics in the Imperial College of Science and Technology, University of London.
- 11 Professor of Mechanical Engineering in the University of London (King's College).

\* F.R.S.

D.Sc.—continued.

	Date of Degree		Date of Degree
AcCornish, Vaughan ... ..	1901	Ac17Grindley, John Henry ... ..	1902
c1Cotton, Harry ... ..	1930	*Ac18Harden, Arthur ... ..	1902
c2Coward, Hubert Frank ... ..	1909	19Harding, Victor John ... ..	1912
c2Cramp, William, M.Sc.Tech. ... ..	1915	c20Harris, Leslie Julius ... ..	1926
cCrofts, James Murray ... ..	1915	cHarrison, William Hudson ... ..	1915
*AcCressley, Arthur William ... ..	1899	cHartley, Harold ... ..	1919
cDavies, William ... ..	1929	cHarwood, William Albert ... ..	1922
*3Dawkins, William Boyd ... ..	1910	21Hassé, Henry Ronald ... ..	1914
*Ac4Dendy, Arthur ... ..	1891	c22Hawkins, Herbert Leader ... ..	1920
*Ac5Dizon, Harold Bailly ... ..	1922	AcHaworth, Edward ... ..	1899
cDuff, James Cooper ... ..	1923	cHaworth, Robert Downs, Ph.D. ... ..	1930
Duffield, Walter Geoffrey ... ..	1908	*c23Haworth, Walter Norman ... ..	1911
Ac6Dunkerley, Stanley ... ..	1905	Hewitt, Charles Gordon ... ..	1909
cBarie, Frank Maynard, M.Ed. ... ..	1932	A24Hibbert, Harold ... ..	1912
c7Edgar, Edward Charles ... ..	1906	c25Hickling, Henry George Albert ... ..	1910
8Edwards, Charles Alfred ... ..	1913	*c26**Hickson, Sydney John ... ..	1926
cEsdaile, Philippa Chicheley ... ..	1917	c27Holden, Henry Smith ... ..	1921
cEvans, Alwen Myfanwy ... ..	1929	cHolker, Jacob, M.D., (now John Holker) ... ..	1922
cFairbourne, Arthur ... ..	1930	Holker, John. See Holker, Jacob	
cFairbrother, Fred ... ..	1925	Holt, Alfred ... ..	1909
cFargher, Robert George ... ..	1921	cHope, Edward ... ..	1915
cFirth, James Brierley ... ..	1920	c28Hopwood, Arthur ... ..	1914
cFishenden, Margaret White (Mrs. R. B. Fishenden; graduated M.Sc. as White) ... ..	1919	cHopwood, Arthur Tindell ... ..	1933
Fishenden, Mrs. R. B.		cHowell, Owen Rhys ... ..	1931
See Fishenden, Margaret W.		AcHowles, Fred ... ..	1926
Ac9Fowler, Gilbert John ... ..	1903	Ac29Hutton, Robert Salmon ... ..	1905
cFrancis, Ernest Francis ... ..	1903	cInnes, William Ross ... ..	1902
*Ac10Gamble, Frederick William ... ..	1900	cIsaacs, Susan (Mrs. Nathan Isaacs; graduated M.A. as Susie Sutherland Fairhurst) ... ..	1931
11Gibson, Arnold Hartley ... ..	1909	AcJerdan, David Smiles ... ..	1901
c12Gill, Edwin Leonard ... ..	1925	cJackson, John Wilfrid ... ..	1929
c13Gravely, Frederic Henry ... ..	1915	*c30Jones, John Edward ... ..	
*Ac14Gray, Joseph Alexander ... ..	1913	(now J. E. Lennard-Jones) ... ..	1922
Greenwood, Harold Cecil ... ..	1912	c31Jones, William Jacob ... ..	1918
c15Greenwood, John Neill ... ..	1922	c32Kay, Herbert Davenport ... ..	1927
Ac16Griffiths, Albert ... ..	1899		

- 1 Professor of Electrical Engineering in University College, Nottingham; M.B.E.
- 2 Professor of Electrical Engineering in the University of Birmingham.
- 3 Under Ordinance XXVIII. (4); Late Hon. Professor of Geology in the University.
- 4 Late Professor of Zoology in the University of London (King's College).
- 5 Late Professor of Chemistry in the University; subsequently Hon. Professor.
- 6 Late Professor of Engineering in the University.
- 7 Principal of Rutherford College, Newcastle-on-Tyne.
- 8 Principal and Professor of Metallurgy in University College, Swansea.
- 9 Principal of the Harcourt Butler Technological Institute, Cawnpore, India.
- 10 Late Professor of Zoology in the University of Birmingham.
- 11 Professor of Engineering in the University.
- 12 Director of the South African Museum, Capetown.
- 13 Curator of the Museum at Madras, India.
- 14 Chown Research Professor of Physics, Queen's University, Kingston, Ontario.
- 15 Professor of Metallurgy in the University of Melbourne.
- 16 Professor of Physics in the University of London (Birkbeck College).
- 17 Principal of Dudley Technical School.
- 18 Head of Bio-Chemistry Department, Lister Institute, and Professor of Bio-Chemistry, University of London. Nobel Prize in Chemistry.
- 19 Professor of Pathological Chemistry in the University of Toronto.
- 20 Director of the Nutritional Laboratory, Medical Research Council, Cambridge.
- 21 Professor of Mathematics in the University of Bristol.
- 22 Professor of Geology in the University of Reading.
- 23 Professor of Chemistry in the University of Birmingham.
- 24 Professor of Organic Chemistry, McGill University, Montreal, Canada.
- 25 Professor of Geology in Armstrong College.
- 26 Formerly Professor of Zoology in the University; now Professor Emeritus.
- 27 Professor of Botany and Head of the Department of Biology in the University College, Nottingham.
- 28 Vice-Principal and Head of Chemical Department, Portsmouth Municipal College.
- 29 Goldsmiths' Professor of Metallurgy in the University of Cambridge.
- 30 Plummer Professor of Inorganic Chemistry in the University of Cambridge.
- 31 Professor of Chemistry, University College of South Wales and Monmouthshire, Cardiff.
- 32 Director of the National Institute for Research in Dairying, Reading.

\* F.R.S.

\*\* Degree conferred under Charter II. (3).

D.Sc.—continued.	Date of Degree	Date of Degree
Keane, C. A. <i>See</i> Kohn, C. A.		
ac1 Kohn, Charles Alexander ( <i>now</i> C. A. Keane)	1908	
c2 Kovarik, Alois Francis	1916	
c3** Lamb, Horace	1921	
c4 Lander, Cecil Howard	1916	
*ac5 Leacs, Charles Herbert	1895	
Lennard-Jones, J. E. <i>See</i> Jones, J. F.		
c6 Long, Cyril Norman Hugh	1932	
a7 Lunt, Joseph	1909	
8 Marsden, Ernest	1914	
ac1 Mason, William	1914	
Meek, Charles Francis Ullathorne	1914	
c Moore, Charles Watson	1919	
ac9 Morley, Arthur	1918	
c10 Moss, Charles Edward	1907	
c Mucklow, Graham Fernie	1932	
Musgrave, Mrs. S. <i>See</i> Pratt, Edith M.		
†c Myers, James Eckerley	1917	
c Newbery, Edgar	1916	
c Norbury, Allan Leslie	1926	
c Nuttall, John Mitchell	1929	
c O'Neill, Hugh	1929	
c11 Osborn, Theodore George Bentley	1920	
c12 Partington, James Riddick	1918	
c Patterson, William Hamilton	1927	
c Payman, William, M.Sc.Tech.	1928	
c Pearsall, William Harold	1921	
c13 Pearson, Joseph	1922	
*14** <i>Pearson, William Henry</i>	1913	
*15 <i>Petavel, Joseph Ernest</i>	1908	
<i>Petrie, Paul Telford</i> (graduated B.Sc. as <i>Steinthal</i> )	1926	
c Pickles, Samuel Shrowder	1908	
ac Pratt, Edith Mary (Mrs. Stanley Musgrave)	1904	
c Prescott, John	1917	
c Pring, John Norman	1920	
*c16 Pyman, Frank Lee	1920	
c Ramsbottom, John Edwin	1913	
c Rawlinson, William Ferdinando	1923	
c Ray, Jnanendra Nath, Ph.D.	1931	
a Rhodes, William Gould	1902	
c Roberts, Walter Morrell, M.D.	1932	
c17 Robertson, Andrew	1916	
*c18 Robinson, Harold Roper	1917	
*c19 Robinson, Robert	1920	
20 Robinson, Wilfrid	1919	
Rossi, Roberto	1924	
Royds, Thomas	1911	
*c21** Rutherford, Ernest ( <i>now</i> Lord Rutherford of Nelson)	1921	
Rutherford of Nelson, Lord. <i>See</i> Rutherford, Ernest		
*ac22** Schuster, Arthur	1907	
c Short, Wallace Frank	1929	
*c23 Simonsen, John Lionel	1909	
*ac24 Simpson, George Clarke	1906	
c25 Sinnatt, Frank Sturdy, M.Sc.Tech.	1928	
†c Slade, Roland Edgar	1913	
c Slater, William Kershaw	1927	
c Smith, Ernest Woodhouse	1918	
ac26 Smith, James Henry	1903	
c Smith, Kenneth Manley	1926	
ac27 Smith, Norman	1906	
c Speakman, Horace Bradbury	1928	
c Speakman, John Banber	1931	
*a Stanton, Thomas Ernest <i>Steinthal, Paul Telford. See Petrie, P. T.</i>	1898	
*c28 Stephen, Henry	1920	

- Principal of Sir John Cass's Technical Institute, London.
- Professor of Physics in Yale University, U.S.A.
- Professor Emeritus, and formerly Professor of Mathematics, in the University; Kt.
- Professor of Engineering in the Imperial College of Science and Technology.
- Formerly Professor of Physics in the University of London (East London College).
- Director of The Cox Medical Research Institute, University of Pennsylvania.
- Astronomer, Observatory, Cape of Good Hope.
- Assistant Director of Education for New Zealand.
- Professor of Applied Mechanics, University College, Nottingham.
- Professor of Botany, University of the Witwatersrand, Johannesburg.
- Professor of Botany in the University of Sydney; Acting Economic Botanist to the South Australian Government.
- Professor of Chemistry in the University of London (East London College).
- Director of the Colombo Museum and Marine Biologist to the Ceylon Government.
- Late Waynflete Professor of Chemistry in the University of Oxford; formerly Professor of Organic Chemistry in the University.
- Director of the National Physical Laboratory; formerly Professor of Engineering in the University; Kt.
- Formerly Professor of Technological Chemistry in the University.
- Principal of Merchant Venturers' Technical College, Bristol.
- Professor of Physics in the University of London (East London College).
- Waynflete Professor of Chemistry in the University of Oxford.
- Late Professor of Botany, University College of Wales, Aberystwyth.
- Cavendish Professor of Physics in the University of Cambridge, O.M.; Nobel Prize for Chemistry; Baron.
- Honorary Professor of Physics in the University; Kt.
- Professor of Physics in the University College of North Wales, Bangor.
- Head of the Meteorological Office, London.
- Director of Fuel Research, Department of Scientific and Industrial Research.
- Professor of Mechanical Engineering, Municipal Technical Institute, Belfast.
- Registrar of the University.
- Professor of Organic Chemistry in the University of Witwatersrand, Johannesburg, S. Africa.

\* F.R.S. † O.B.E. ‡ Awarded M.C. <sup>1</sup> Degree conferred under Charter II. (3).

## D.Sc.—continued.

	Date of Degree.
c1 Tattersall, Walter Medley ... ..	1911
c2 Thornton, William Mundell ... ..	1902
*c3 Thorpe, Jocelyn Field ... ..	1908
c4 Titherley, Arthur Walsh ... ..	1901
Tyrer, Dan ... ..	1913
c4 Varley, William Mansergh ... ..	1904
cWalker, Thomas Kennedy, Ph.D. ... ..	1931
cWall, Thomas Frederick ... ..	1912

	Date of Degree
cWainsley, Horace Pearson ... ..	1929
cWalton, John ... ..	1929
c5 Weizmann, Charles ... ..	1907
cWest, Joseph ... ..	1932
c6 Wheeler, Richard Vernon ... ..	1908
AWilson, George ... ..	1900
cWilson, William ... ..	1913
cWood, Albert Beaumont ... ..	1919
AWood, John Kerfoot ... ..	1902

## M.Sc.

Abell, Charles Thomas ... ..	1899
Abram, Harold Helling ... ..	1911
cAdams, Stephen ... ..	1924
cAdams, Alexander ... ..	1909
cAdams, James ... ..	1927
cAdams, Wallace Wright ... ..	1921
Adshad, Sydney Douglas ... ..	1913
Agar, Herbert William ... ..	1902
7 Agashe, Ganesh Sakharan ... ..	1913
cAinley, Arthur Donald, Ph.D. ... ..	1929
Albery, Richard Henry ... ..	1920
Aldred, Harold ... ..	1910
Ali, Mohsin ... ..	1911
Ali, Francis ... ..	1910
cAlkins, William Ernest ... ..	1919
Allahverdiants, Michael Aghadjanian ... ..	1892
cAllen, Alfred Llewelyn ... ..	1907
Alker, Jack ... ..	1927
cAlmond, Enid Hartshorne ... ..	1925
cAlston, Norman Abbott ... ..	1928
cAnderson, William Roocroft ... ..	1903
cAndrew, George William ... ..	1906
cAndrew, Gerald ... ..	1924
Andrew, Harry ... ..	1907
Andrews, William Allen ... ..	1904
cArafa, Moussa ... ..	1927
Archer, Norman ... ..	1911
Arnuttage, Sydney Herbert ... ..	1907
Armitage, Thomas Coulburn ... ..	1896
cArmstrong, Dorothy ... ..	
(Mrs. N. B. Maurice) ... ..	1920
8. Armstrong, Francis Edwin ... ..	1902
Armstrong, George Edwin ... ..	1897
cArning, Dorothy, M.B., Ch.B. ... ..	1927
Ashforth, George Ernest ... ..	1900
cAshworth, Florence ... ..	1923
cAshworth, Frank ... ..	1924
cAspey, Thomas Hulme ... ..	1928
Asbury, Alexander ... ..	1907
cAtkinson, Margaret Yourd ... ..	
(Mrs. E. R. Brady) ... ..	1922
9 Atkinson, Samuel Greenup ... ..	1914
Attwell, Mrs. See Scotson, Annie ... ..	

AAuden, Harold Allden ... ..	1898
cAuld, Jessie ... ..	1891
cAuld, Margaret Downes ... ..	
(Mrs. W. W. Hope) ... ..	1895
acAyres, Thomas ... ..	1901
cBagnall, Ernest Harold ... ..	1899
cBagnall, Marie (Mrs. H. V. Mitchell) ... ..	1925
cBailey, Alfred ... ..	1910
10 Bailey, Doris ... ..	1920
Bailey, Harold ... ..	1898
Bain, David ... ..	1912
Bainbridge, Ernest Graham ... ..	1914
Bainbridge, James Roland ... ..	1912
cBaird, Fred ... ..	1929
cBake, Henry John Tyack ... ..	1899
cBaker, Henry ... ..	1922
Baker, Mrs. H. ... ..	
See Lightbown, Constance M. ... ..	
cBaker, Henry Wright ... ..	1922
Baker, Mrs. H. W. ... ..	
See Drew, Kathleen M. ... ..	
Baker, Richard Stanley ... ..	1905
Baldwin, John McLean ... ..	1919
Baldwin, Sam ... ..	1904
acBaldwin-Wiseman, William Ralph ... ..	1898
cBalkin, Mark, Ph.D. ... ..	1928
Ballardie, George de Caynoth ... ..	1904
Bamber, Alice (Mrs. T. H. Bowtell) ... ..	1910
ABamber, William Edward, M.D. ... ..	1896
Bamford, Hannah ... ..	1910
11.11 Bamford, Harry ... ..	1891
12.12 Bancroft, Alfred Ernest, M.A. ... ..	1910
cBancroft, John Bevis Beeston ... ..	1924
Barber, George Alfred ... ..	1905
cBardsley, Doris Alice ... ..	1924
13.13 Barkla, Charles Glover ... ..	1901
cBarlow, Henry Septimus ... ..	1927
Barnes, Charles Kepler ... ..	1898
acBaron, William Briscoe ... ..	1902
cBarr, Rose Aileen ... ..	1925
cBarracrough, Frank Tweedale ... ..	1922
cBarton, Frank, B.A. (Admin.) ... ..	1929
cBarton, James ... ..	1928

- 1 Professor of Zoology, University College, Cardiff.
- 2 Professor of Electrical Engineering, Armstrong College, Newcastle-on-Tyne.
- 3 Professor of Organic Chemistry, Imperial College of Science and Technology.
- 4 Principal of Brighton Technical College.
- 5 Principal of the Hebrew University, Jerusalem.
- 6 Professor of Fuel Technology in the University of Sheffield.
- 7 Professor of Chemistry, Pachaiyappa College, Madras.
- 8 Late Professor of Mining Engineering in the University of Sheffield.
- 9 Head Master, Alleyne's Grammar School, Uxtoeter.
- 10 Head Mistress, Queen Mary's School for Girls, Lytham.
- 11 Late Professor of Hydraulics, McGill University.
- 12 Head Master, Dowdales Central School, Dalton-in-Furness.
- 13 Professor of Natural Philosophy, University of Edinburgh.

\* C.B.E.

† F.R.S.



## M.Sc.—continued.

	Date of Degree		Date of Degree
cBateman, Isabella ... ..	1921	†c**3Bragg, William Lawrence ... ..	1920
batley, Ward Allen ... ..	1909	cBraithwaite, Fenton ... ..	1931
cBaxter, Alan ... ..	1932	cBramhall, Randle James ... ..	1926
cBeard, James Robert ... ..	1909	cBray, Arthur ... ..	1924
Bearn, Joseph Gauld ... ..	1907	Brentnall, John ... ..	1907
Beeley, Arthur ... ..	1901	cBrian, Percy ... ..	1906
*Beesley, Richard Moore ... ..	1913	Bricley, Jesse Carl Albert ... ..	1909
Bell, Charles Dickson ... ..	1898	Briggs, Samuel Henry Clifford ... ..	1903
ABell, George Herbert ... ..	1903	cBrindley, Florence ... ..	1922
Bennett, George Ernest ... ..	1907	cBrindley, George William ... ..	1928
Bunton, John Alexander ... ..	1898	c4Brittain, Charles Edward ... ..	1899
cBenson, Leonard Ellis ... ..	1922	cBrittain, John, Ph.D. ... ..	1930
cBenson, Margaret ... ..	1915	cBroadbent, Henry Winterbottom ... ..	1923
cBerry, Edgar ... ..	1918	cBrockbank, Philip Edward ... ..	1929
cBerry, Walter Richard ... ..	1920	Brooks, Clement Crawshaw ... ..	1926
cBest, Stanley Robert ... ..	1909	Brooks, William Stansfield ... ..	1903
cBetts, Charles Leslie, Ph.D. ... ..	1924	Broomie, James Spears ... ..	1907
Bavan, Ellen May (Mrs. J. H. Currie) ... ..	1911	5Brown, Ernest ... ..	1900
Bevoriey, Walter ... ..	1913	cBrown, George Lindor, M.B., Ch.B. ... ..	1925
cBibby, James ... ..	1902	cBrown, Guy Burniston ... ..	1925
cBiggs, Henry Francis ... ..	1916	Brown, Robert John ... ..	1889
cBinks, Walter ... ..	1926	Brown, William Lowe ... ..	1898
cBird, Frank ... ..	1910	cBrowning, Henry, B.Com. ... ..	1911
cBirks, Stanley Graham ... ..	1914	Brownsdon, Henry Winder ... ..	1904
(now S. G. Brade-Birks)		Brownson, Thomas Kerfoot ... ..	1908
cBirtwell, Constance (Mrs. Tyldesley) ... ..	1920	AcBrownsword, Frank ... ..	1891
Bishop, Harry Coghill Watson ... ..	1909	cBruckshaw, John McGarva ... ..	1928
cBlack, Muriel May ... ..	1931	Buckle, Philip ... ..	1920
c1Blakeman, John ... ..	1904	†cBuckley, Harry Fawcett ... ..	1926
Bland, Norman ... ..	1911	(graduated B.Sc. as Harry Buckley)	
Blandford, John Henry ... ..	1897	AcBudenberg, Christian Frederick ... ..	1887
Bleakley, James ... ..	1910	cBullock, Kenneth, Ph.D. ... ..	1924
Bles, Charles Marcus ... ..	1899	Bullough, William Arthur, M.B., Ch.B. ... ..	1909
cBloomer, Vincent ... ..	1925	Bunting, Samuel John ... ..	1911
ABone, Albert Hillhouse ... ..	1897	Ac6Burgess, Arthur Henry, M.B., Ch.B. ... ..	1895
Booth, Thomas ... ..	1911	cBurkhardt, George Norman, Ph.D. ... ..	1921
cBottomley, Arthur Cecil, Ph.D. ... ..	1927	ABurman, John Harold ... ..	1901
ABottomley, William Cecil ... ..	1900	Burnet, Robert, M.B., Ch.B. ... ..	1901
c2Boullen, Rachel ... ..	1928	Burrell, Wilkinson William ... ..	1910
Boulton, Robert Edgar ... ..	1902	cBurrows, Merrick William ... ..	1898
Bowen, David Jones ... ..	1897	ABury, Ernest ... ..	1899
Bowen, Frederick ... ..	1909	cBury, Frank Ward ... ..	1922
ABower, Joshua ... ..	1899	Bush, Harry Julius ... ..	1902
Bowtell, Alice ... ..	1910	Bush, Herbert Henry ... ..	1911
Bowtell, Alice (Mrs. T. H. Bowtell, graduated B.Sc. as Bamber) ... ..	1910	cButler, Carlton ... ..	1922
ABowtell, Norman Edwin ... ..	1901	Butterworth, Stephen ... ..	1908
cBowyer, Arthur Stewart ... ..	1910	Byne, Loftus St. George ... ..	1897
cBoyer, Thomas ... ..	1926	Byrd, Mrs. J. D. See Powell, Elizabeth C. ... ..	
cBoyland, Eric, B.Sc.Tech. ... ..	1928	7Byrne, George Thomas ... ..	1911
ABracher, William Hertridge ... ..	1890		
Bradbury, Harry ... ..	1914	cCadness, Bessie Helena Edith, M.B., Ch.B. ... ..	1922
Bradbury, John Seferian. See Seferian, Manouk H. ... ..		Callaghan, Frank (now F. O'Callaghan) ... ..	1901
Bradbury, Thomas Rayner ... ..	1910	Callan, Thomas ... ..	1908
cBrade, Hilda Kathleen, M.B., Ch.B. (Mrs. S. G. Brade-Birks) ... ..	1913	cCalvert, Norman ... ..	1929
Brade-Birks, S. G. See Birks, S. G. ... ..		8Cameron, Alfred Ernest ... ..	1913
Brade-Birks, Mrs. S. G. See Brade, Hilda K. ... ..		c9Cardwell, David, B.Com. ... ..	1912
cBradley, James ... ..	1910	Carey, Arthur ... ..	1894
cBradley, William, Ph.D. ... ..	1925	cCarr, Norman Halliwell ... ..	1926
Bradshaw, George Arthur ... ..	1911	cCarr, Winston Eric ... ..	1930
Bradshaw, John ... ..	1914	Carson, Madeline ... ..	1907
Brady, Mrs. E. R. See Atkinson, Margaret Y. ... ..		cCartwright, Walter ... ..	1921
		cCasey, Edwin Vincent ... ..	1930
		cCashen, George Harold ... ..	1926
		†cChadwick, James ... ..	1912
		cChadwick, Samuel ... ..	1908

1 Principal of Northampton Technical School.

2 Head Mistress, High School for Girls, Leyton, London.

3 Professor of Physics in the University; Nobel Prize for Physics.

4 Head Master, Normanton Grammar School.

5 Professor of Applied Mechanics and Hydraulics, McGill University, Montreal.

6 Professor of Clinical Surgery in the University.

7 Professor of Chemistry in the University of Hong-Kong.

8 Professor of Zoology in the University of Saskatchewan; F.R.S.E.

9 Vice-Principal, College of Technology, Manchester.

\* Awarded M.C. † F.R.S. ‡ Mentioned in Despatches. \*\* Degree conferred under Charter II. (3)

M.Sc.—continued.

	Date of Degree
cChaloner, Samuel Eytton ... ..	1927
cChambers, Francis Clayton ... ..	1929
cChapman, Ernest, Ph.D. ... ..	1921
cChapman, James Fraser ... ..	1909
cChapman, Thomas William ... ..	1902
cCharlesworth, Arthur ... ..	1904
cCharlesworth, John ... ..	1908
cCharlton, Edwin Johnson ... ..	1909
crCharlton, James ... ..	1923
Chater, Frank ... ..	1910
Cheetham, Frederick Thomas ... ..	1910
cChippindale, Harold Grimshaw ... ..	1927
Chorley, Percy ... ..	1914
AChorlton, James Dewsbury ... ..	1897
Chou, Tsan Quo ... ..	1911
<i>Christie, Kenneth Vernon</i> ... ..	1928
cClark, Bertram ... ..	1928
Clark, Charles Bernard ... ..	1908
aClarke, Harold ... ..	1908
AClarke, John Hutton ... ..	1898
cClarke, Winifred Sowler ... ..	1932
<i>Clegg, Alford Victor</i> ... ..	1910
Clements, Sarah Eliza (Mrs. G. R. Ellhott) ... ..	1909
Cliffe, Gladys (Mrs. E. M. Mumford) ... ..	1913
cCliff, Wilfrid Herbert ... ..	1933
cClifford, George Herbert Workman ... ..	1924
cClubb, Joseph Albert ... ..	1897
cCoates, Archibald ... ..	1924
Cochran, James ... ..	1907
cCockcroft, James Philip ... ..	1923
cCocker, Wesley, Ph.D. ... ..	1929
3Cockshutt, John Albert ... ..	1912
Cohen, Alexander Max ... ..	1907
Colclough, Tom Peach ... ..	1907
Collett, John Henry ... ..	1899
cCollyer, Doris Hollins ... ..	1929
Conway, Mrs. F. R. A. W. See Yeoman, Joyce B. ... ..	
cCook, Maurice ... ..	1920
Cooke, Herbert Swift ... ..	1911
Cooke, Martha Elizabeth ... ..	1911
caCooke, Matthew James Hilton ... ..	1909
cCooper, Albert Henry ... ..	1900
Cooper, Charles ... ..	1910
Cooper, Charles ... ..	1911
cCooper, Eugenia Rose Aylmer, M.D. ... ..	1926
cCope, Fred Wolverson ... ..	1932
Copley, Frederick ... ..	1904
cCore, Angus Fairthorne ... ..	1910
cCore, Colin Granville ... ..	1919
<i>ACore, William Hamilton</i> ... ..	1901
Cormack, Robert Richardson ... ..	1905
cCornish, Ronald James ... ..	1926
cCorrigau, James Frederick (now James Frederick Stirling) ... ..	1922
cCotton, Francis Wilfrid ... ..	1931
<i>Cotton, Robert</i> ... ..	1908
<i>Cottrell, Allan</i> ... ..	1910
cCoulson, Alfred ... ..	1900
cCousins, Harry ... ..	1909
cCoventry, Theodore ... ..	1889
Coward, Dorothy Gladys (Mrs. J. Rothwell) ... ..	1909
Coward, Katharine Hope ... ..	1908
**Coward, Thomas Alfred ... ..	1921

	Date of Degree
Coward, Winifred Ethel ... ..	1909
cCowen, William ... ..	1928
Coxon, Laurance Adams ... ..	1905
Crabtree, James ... ..	1914
Crabtree, John Ickeringill ... ..	1912
cCrabtree, Walter Robinson ... ..	1892
cCraddock, Quinton Lee ... ..	1927
Crawford, David McFarlane ... ..	1910
AcCreak, Robert Brown ... ..	1887
Creeth, Norman Allen ... ..	1908
cCurnick, Harry Raymond ... ..	1932
Crookes, Bernard Humphrey ... ..	1893
cCurnick, Harry Raymond ... ..	1932
Curnock, William Emmanuel Macbryde ... ..	1904
cCurphey, Douglas Carr ... ..	1924
<i>Currie, Mrs. J. H.</i> See Bevan, Ellen May ... ..	
Curzon, Thomas ... ..	1911
cCuthbertson, Joseph William ... ..	1927
cDaly, Leonard ... ..	1928
cDarbyshire, James Albert ... ..	1928
cDarbyshire, Orrell ... ..	1924
cDatta, Sarojini ... ..	1932
Davenport, John Alfred ... ..	1905
Davidson, John Howard ... ..	1904
Davidson, Jonathan, Roberts ... ..	1898
cDavies, Beatrice (Davies, Mrs. W. E.; graduated B.Sc. as Beatrice Shorrocks) ... ..	1931
Davies, Edward Conference ... ..	1921
cDavies, Elwyn ... ..	1932
ADavies, Ernest Edward Dentith, B.A. ... ..	1892
<i>Davis, Samuel Henry</i> ... ..	1895
Davies, Mrs. W. Emrys. See Davies, Beatrice ... ..	
cDavis, Edwin ... ..	1932
cDavis, Eli, M.B., Ch.B. ... ..	1930
ADavis, Frederick ... ..	1904
Davis, Frederick William Daniel ... ..	1899
Davis, George Keville ... ..	1905
cDawson, Kathleen Kendall ... ..	1928
cDawson, Robert Brian ... ..	1927
cDawson, Wilfred Ernest ... ..	1926
cDay, Henry ... ..	1915
*Dean, Arthur Creswell ... ..	1911
ADean, Gertrude Augusta, M.A. (Mrs. A. A. Mellor) ... ..	1903
Dearden, Frank ... ..	1911
cDearden, William Hoghton ... ..	1924
cDeamaley, Sam ... ..	1925
Delin, Frank Bernhard ... ..	1908
**cDelépine, Auguste Sheridan ... ..	1905
<i>Delépine, Helenus George Sheridan</i> ... ..	1914
Dell, John Alexander ... ..	1906
cDent, Frankland ... ..	1897
Denton, Ernest ... ..	1905
cDeshpande, Datta Laxman ... ..	1931
Devon, Arthur ... ..	1902
<i>ALexhurst, Charles Bennett</i> ... ..	1893
Devilhurst, Melbourne ... ..	1910
cDixon, Annie ... ..	1922
†cDobson, Joseph Henry ... ..	1906
Dobson, Mary Elizabeth (Mrs. F. Thomas) ... ..	1910
Dodds, Herbert Henry ... ..	1908

1 Principal, College of Agriculture, Burma State, Mandalay.

2 H.M. Inspector of Factories and Workshops.

3 Head Master, The County School, Sutton, Surrey.

4 Head Master, Stockport Secondary School.

5 Late Professor of Public Health and Bacteriology in the University.

6 Professor at the Transvaal Technical Institute, Johannesburg

\* Awarded M.C. † Awarded D.S.O.

‡ Mentioned in Despatches.

\*\* Degree conferred under Charter II. (3).

## M.Sc.—continued.

Date of  
DegreeDate of  
Degree

Donovan, Mrs. H. W. See Jackson, Eleanor M.		Farmer, John Taylor ... ..	1901
Dootson, Percy ... ..	1910	Farmer, Robert Crosbie ... ..	1901
Doughty, Joseph Henry ... ..	1911	cFarquharson, Donald John ... ..	1923
Douglas, George Frederic ... ..	1908	acFarrar, Harold ... ..	1901
<i>Doussé, Oliver Statham</i> ... ..	1911	acFarrar, Tom Douglas ... ..	1904
Downs, Edmund ... ..	1911	Farrell, Frank James ... ..	1899
1Drennan, William St. George ... ..	1901	1arrington, Henry ... ..	1904
a**2Dreschfeld, Julius ... ..	1905	cFawcett, Reginald Clifford, Ph.D. ... ..	1926
cDrew, Kathleen Mary (Mrs. H. W. Baker)	1923	cFazackerley, Thomas Shaw ... ..	1925
Drugman, Julien Léon Eugène ... ..	1906	cFearnley, Nora ... ..	1919
cDrummond, Alan Ashby ... ..	1919	cFerguson, Roderick Morrison ... ..	1905
Drummond, John Malcolm ... ..	1913	Ferns, John Fitzpatrick ... ..	1909
Duckworth, Samuel ... ..	1907	<i>Fielding, William</i> ... ..	1909
Duffy, Kate, (Mrs. W. F. Harvey) ... ..	1911	cFielding, William Richard, M.A., M.Ed. ... ..	1908
cDunbar, Charles ... ..	1930	cFinch, Arthur Calvert ... ..	1927
cDunkerley, Wilfrid ... ..	1925	Findlay, Mary Grace ... ..	1901
*3Dunkerley, John Samuel ... ..	1929	cFinkelman, Benedict, M.B., Ch.B. ... ..	1928
c**4Dunn, John Shaw ... ..	1929	cFinlayson, Thomas Campbell ... ..	1923
cDwerryhouse, Arthur Richard ... ..	1902	cFirth, Elsie May (Mrs. William Taylor) ... ..	1927
		Firth, William Winterbottom ... ..	1901
		acFish, Ellen, (Mrs. Ritchie) ... ..	1901
		8Fisher, Kenneth ... ..	1909
cEastwood, Eric ... ..	1932	cFletcher, Dorothy Brewster ... ..	1922
cEaves, Charles Warrell ... ..	1933	<i>Fletcher, James</i> ... ..	1912
Eccles, William ... ..	1909	cFogg, Albert ... ..	1930
*cEdgington, Arthur Stanley ... ..	1906	cFolley, Sydney John, Ph.D. ... ..	1928
cEden, Thomas ... ..	1923	Follows, George ... ..	1899
cEdge, Vernon ... ..	1927	cForbes, William Bulloch ... ..	1925
Edmonds, Mrs. G. C. See Pritchard, Freda M.		Ford, George Harold ... ..	1916
acEdmondson, Alfred Richard ... ..	1903	<i>Forrest, James Alexander Mitchell</i> ... ..	1897
cEdmondson, Franklin ... ..	1925	cForshaw, Arthur ... ..	1905
Edwards, Ernest John ... ..	1904	Forsyth, John Andrew Cairns, M.B., Ch.B. ... ..	1900
Edwards, William ... ..	1910	aFoster, Edmund Dean ... ..	1898
cElliott, John Kenneth ... ..	1930	<i>Foster, Frank</i> ... ..	1906
Elliott, Mrs. G. See Nash, Gladys		†gFoster, Trevor Thomas ... ..	1909
Elliott, Mrs. G. R. See Clements, Sarah E.		cFothergill, Fred ... ..	1929
Elliott, Reginald Leslie ... ..	1898	Foulds, Robinson Percy ... ..	1912
cEllis, Cyril Gascoigne ... ..	1924	France, Norman Edgar ... ..	1907
cEllis, Er Victor ... ..	1893	cFrancis, Edgar Llewellyn ... ..	1931
Ellis, James John, B.D. ... ..	1906	acFrankland, John Naylor ... ..	1902
cEllis, Oliver Coligny de Chanipfeur, Ph.D. ... ..	1920	Fraser, William Norman ... ..	1899
cEllison, Fergus Alexander ... ..	1911	Fry, George Cecil ... ..	1901
cElsden, Oscar ... ..	1932	cFryer, Alfred Henry ... ..	1921
Elton, Percy Maden ... ..	1909	cFryer, Arthur Frederick ... ..	1895
England, Amos ... ..	1904	Furness, Reginald ... ..	1913
<i>England, Helen Mary</i> ... ..	1905		
cEvans, Meredith Gwynne ... ..	1927	Gabbatt, John Percy ... ..	1903
cEvans, Rhydwyn Harding ... ..	1928	cGalloway, Walter Johnstone ... ..	1932
Evans, Walter Herbert ... ..	1906	cGardner, Henry Dent ... ..	1909
acEwan, Thomas ... ..	1896	Garnett, James Holden ... ..	1908
<i>Ewart, Robert John, M.D.</i> ... ..	1903	cGarrard, Stanley Frederick ... ..	1916
		Garratt, Ernest ... ..	1904
		acGarrett, Frederic Charles ... ..	1892
		Garside, Sydney ... ..	1911
		cGaul, Ernest George ... ..	1908
6Fairbrother, Fred ... ..	1911	Gawler, Robert ... ..	1903
6Fairbrother, Thomas Harold ... ..	1916	cGee, Geoffrey ... ..	1932
7Fairbrother, William Samuel ... ..	1911	<i>Gerard, Tom Overton</i> ... ..	1914
cFairclough, Norman ... ..	1928	acGerland, Conrad ... ..	1887
Fairlie, Dorian Macfield ... ..	1911	Gerrard, Harold ... ..	1910
<i>Falkner, Ernest Basil</i> ... ..	1911	Gibbins, Hugh ... ..	1902
cFalshaw, Edith Helen ... ..	1920		

1 Head Master, Grammar School, Leominster.

2 Late Professor of Medicine in the University.

3 Late Professor of Zoology in the University.

4 St. Mungo Professor of Pathology in the University of Glasgow.

5 Plumian Professor of Astronomy and Experimental Philosophy in the University of Cambridge; Kt.

6 Head Master, Leighton Buzzard Grammar School.

7 Head Master, Hindley Grammar School.

8 Head Master, Qundle School, Northamptonshire.

9 Head Master, County School, Frome.

\* F.R.S.

† Awarded M.C.

\*\* Degree conferred under Charter II. (3).

M.Sc.—continued.

	Date of Degree
cGibbins, Leslie Brisbane ... ..	1923
cGibbs, Winifred Mary ... ..	1924
cGibson, Osborne ... ..	1932
acGilbody, Alexander William ... ..	1893
Gill, James Francis ... ..	1904
cGladding, Geoffrey ... ..	1918
cGleaves, Edward, M.Ed., M.B., Ch.B. ... ..	1914
cGlover, Arthur ... ..	1917
cGlover, Donald William ... ..	1923
cGoffey, Arthur ... ..	1922
Goldsmith, John Naish ... ..	1903
Gooch, Sydney ... ..	1906
Goodson, Ethel Elizabeth (Mrs. W. A. Osborne) ... ..	1905
Goodwin, Harold ... ..	1913
cGoodwin, Wilfred Lees ... ..	1933
Goodwin, William ... ..	1909
aGornall, Frank Howorth ... ..	1903
Gough, Thomas ... ..	1910
aGraham, Edward ... ..	1897
Grant, Charles Henry ... ..	1904
Grant, Frederick Ernest ... ..	1905
Grant, William Prince, M.B., Ch.B. ... ..	1901
cGray, Harold Heath ... ..	1930
Grayson, John ... ..	1911
aGreen, Clarence James ... ..	1901
Green, Ernest ... ..	1913
Green, John Singleton. See Singleton-Green, J. ... ..	
cGreenhalgh, Stanley ... ..	1909
cGreenwood, Eumelaine (Mrs. Frank Radcliffe) ... ..	1923
cGreenwood, Gilbert ... ..	1922
cGreenwood, Hubert ... ..	1931
cGreenwood, Morrison ... ..	1928
cGregory, Charles Henry ... ..	1927
cGregory, Irene Jane (Mrs. Platts) ... ..	1922
Gregory, Mrs. S. O. See Priestley, Dorothy ... ..	
c**Grier, James ... ..	1909
cGrieve, William Scott Minto ... ..	1931
cGriffith-Jones, Ernest ... ..	1911
Griffiths, William Henry ... ..	1903
cGrime, Harry ... ..	1931
cGrime, Roger Ernest ... ..	1907
cGrimshaw, Harold Charlesworth ... ..	1922
cGrindley, Thomas Douglas ... ..	1924
cGrocock, Henry Lloyd ... ..	1902
cGruning, Henry Hermann ... ..	1898
Gunter, John Henry ... ..	1911
*Gwyther, Reginald Duncan ... ..	1909
cHacking, Richard Alan ... ..	1930
acHague, John Scholes ... ..	1900
cHainsworth, Wilfred ... ..	1925
cHalevy, Jacob ... ..	1925
cHall, Albert Claypole ... ..	1931
Hall, Archibald Alexander ... ..	1903
aHall, John Albert ... ..	1903
cHall, Marjorie ... ..	1923
Hall, Norman ... ..	1913
Hall, Richard John ... ..	1905
acaHallam, Joseph Henry ... ..	1900
Halstead, George ... ..	1908
cHamer, John Parkinson ... ..	1931
Hance, Henry Malkin ... ..	1916
cHanchel, Alfred Woods ... ..	1899
cHandforth, Joe ... ..	1914

	Date of Degree
Hankey, J. L. See Heinke, J. L. Hanna, William ... ..	1911
cHappold, Frank Charles, Ph.D. ... ..	1925
Harcourt Frederick ... ..	1920
cHarding, George Angier ... ..	1931
Hardman, David ... ..	1899
cHardman, May ... ..	1924
Hardman, Robert Taylor ... ..	1911
cHarger, John ... ..	1897
Hargreaves, Egerton ... ..	1907
acHargreaves, Louisa Jane ... ..	1911
†Harker, John Allen ... ..	1906
Harris, Sydney Joseph ... ..	1887
cHarrison, Albert Seddon ... ..	1911
cHarrison, Arnold Freaan ... ..	1906
Harrison, Fred ... ..	1910
cHarrison, Harold Ainsworth, Ph.D. ... ..	1923
Harrison, Joseph Greenall ... ..	1907
Harrison, Leonard Hubert ... ..	1909
cHartley, Arthur Griffiths ... ..	1925
cHartley, Harold James ... ..	1926
c**Hartree, Douglas Rayner ... ..	1933
cHartwell, Francis John ... ..	1922
Harvey, Eleanor Beatrice (Mrs. Vetch) ... ..	1909
Harvey, Thomas ... ..	1911
Harvey, Mrs. W. F. See Duffy, Kate ... ..	
Harwood, Henry Francis ... ..	1909
cHarwood, John ... ..	1919
cHaslam, John ... ..	1924
Hawkes, John Henry ... ..	1910
Haworth, Albert, M.B., Ch.B. ... ..	1911
cHaworth, Frederic ... ..	1898
Haworth, Harold Firth ... ..	1905
cHay, John Black Morrison ... ..	1927
Hayhurst, Mrs. Horace. See Letter, Lily ... ..	
Hayhurst, Walter ... ..	1910
cHayward, Joseph William ... ..	1898
Hazlehurst, Alfred Noel ... ..	1899
Heap, Harri ... ..	1907
cHeap, Richard Rankin ... ..	1899
Heap, Samuel ... ..	1904
cHeap, Tom, Ph.D. ... ..	1925
cHeard, Albert ... ..	1921
acHeathcott, John ... ..	1893
Heaton, William Lawson ... ..	1907
cHedges, Ernest Sydney, Ph.D. ... ..	1922
Heflord, Charles Nelson ... ..	1899
acHeinke, John Leathart (now J. L. Hankey) ... ..	1909
Hensalech, Gustavus Adolphus ... ..	1906
cHonstock, Herbert ... ..	1906
cHerbert, James Banks Morice ... ..	1930
cHewitt, Francis William ... ..	1903
cHewlett, Edith Lettice, M.Ed. ... ..	1908
cHey, Donald ... ..	1932
cHey, James Stanley ... ..	1931
Heyhurst, Annie ... ..	1904
cHeywood, Frank ... ..	1922
cHeyworth, Dorothy ... ..	1927
Heyworth, Edith, (Mrs. Henry Stephen) ... ..	1919
Hibbert, Gilbert Stanley ... ..	1909
cHigginbotham, Lucy ... ..	1920
cHigginbottom, Constance ... ..	1928
cHiggins, Sydney Herbert ... ..	1907
cHiggins, William Frederick, Ph.D. ... ..	1924
cHigginson, Reginald ... ..	1923
Higham, Joseph ... ..	1921
acHiles, Isa Lockyer ... ..	1900

1 Principal of the Darlington Technical College.

2 Director of Secondary Education, West Riding County Council.

3 Beyer Professor of Applied Mathematics in the University, F.R.S.

4 Principal of a Continuation School and Business College, Montreal.

\* Awarded M.C. † O.B.E.

\*\* Degree conferred under Charter II. (3).

## M.Sc.—continued.

	Date of Degree		Date of Degree
c***Hill, Archibald Vivian ... ..	1923	† Jackson, Arthur Randell, M.B., Ch.B. ...	1900
Hill, James Edward Hornsby ... ..	1908	c Jackson, Editha ... ..	1923
cHindes, Frederic William ... ..	1924	c Jackson, Eleanor Margery (Mrs. H. W. Donovan) ... ..	1928
cHindes, Gwendolen ... ..	1922	Jackson, Eric Henry ... ..	1891
Hindley Harry ... ..	1901	c Jackson, Harry Percival ... ..	1901
Hindley, John Pear ... ..	1905	Jackson, William Bramley ... ..	1907
caHird, Samuel ... ..	1903	c Jackson, William Welsby ... ..	1929
Hirst, Harry ... ..	1906	c Jackson, Willie (now Willis Jackson) ...	1926
Hobson, Arthur Bertram ... ..	1913	Jackson, Willis. See Jackson, Willie	
AHobson, Bernard ... ..	1890	Jagger, John Ernest ... ..	1901
AHodgkinson, Alexander, M.B., Ch.B. ...	1901	*Jalland, William Edward Cecil ... ..	1908
cHodgkinson, Benjamin ... ..	1926	c James, Alfred Thomas Stephen ... ..	1903
Hogarth, John Preston ... ..	1898	c James, Edward William Harold ... ..	1907
Holden, Edmund Haworth ... ..	1907	c James, Harold Ernest Oswald, B.A. ...	1925
cHolden, Ernest ... ..	1919	acJameson, Alexander Hope ... ..	1897
AHolden, Henry ... ..	1888	acJameson, William Hope Masterton	1899
cHolden, Norman Ellershaw ... ..	1931	cJay, Alfred Hartley ... ..	1931
cHolland, Frederick George Code ... ..	1927	Jefferson, Robert Ernest ... ..	1909
ac*Holland, Robert Wolstenholme, M.A., LL.D. ... ..	1904	cJepson, Clarence ... ..	1920
Holme, George ... ..	1908	cJepson, Douglas ... ..	1923
†Holme, Richard Carlyle ... ..	1903	cJepson, Mary Winifred Maud ... ..	1925
Holmes, Frank William ... ..	1902	cJewson, Sibyl Trevor ... ..	1922
cHolmes, William ... ..	1929	cJinks, James Richard Ashworth ... ..	1923
Holt, Fred ... ..	1911	cJohnson, Arthur Edward ... ..	1929
cHoneyman, Percy Allan Whorlton, M.A. ...	1915	cJohnson, Edith Drinkwater ... ..	1910
cHope, Harry, M.Ed. ... ..	1928	acJohnston, John Haslam ... ..	1900
cHope, Richard Arnold Hoyle ... ..	1931	Jones, Arthur ... ..	1911
Hope, Mrs. W. W. See Auld, Margaret D. Hopkinson, Edwin ... ..	1906	cJones, Arthur Llewelyn, Ph.D. ... ..	1922
c5Houghton, Clara, M.Ed. ... ..	1911	AJones, David Trevor ... ..	1903
cHousley, Harold, M.A. (Com.) ... ..	1915	Jones, Edward ... ..	1911
Howard, John Whiteley ... ..	1907	cJones, Eric ... ..	1921
cHoward, Thomas ... ..	1922	cJones, Ernest, M.B., Ch.B. ... ..	1905
Howarth, Edward ... ..	1906	Jones, Ernest Gabriel ... ..	1904
cHowarth, Ernest ... ..	1924	Jones, Francis Augustus ... ..	1915
cHowarth, John Trafford ... ..	1923	**Jones, Owen Thomas ... ..	1923
cHowarth, Willis Openshaw ... ..	1918	cJones, Robert Cyril Briscoe ... ..	1923
ac6Howden, Samuel Percy ... ..	1925	Jones, Mrs. R. C. B. See Lindsey, Marjorie	
c7Howell, Hugh Fletcher ... ..	1907	AJones, Robert Henry ... ..	1899
Hoyle, Arthur Alwyn ... ..	1910	Jones, Thomas Gilbert ... ..	1897
A**Hoyle, Williams Evans ... ..	1893	cJones, William Herbert, Ph.D. ... ..	1930
Hoyochi, Ning-ye ... ..	1909	cJordan, John ... ..	1930
cHudson, Frederick Lyth ... ..	1929	Joseland, Walter Herbert ... ..	1893
cHughes, George William ... ..	1929	Jowett, Albert ... ..	1900
Hulme, William ... ..	1913	Kaizer, Myer (now Myer Kaye) ... ..	1903
Humfrey, John Charles Willis ... ..	1903	Kay, Francis William ... ..	1906
Hummel, John James ... ..	1904	cKay, William Whittle, M.B., Ch.B. ...	1932
cHuntington, Alfred ... ..	1929	Kaye, Edward Percy ... ..	1907
Hutchinson, Daniel Lean ... ..	1895	Kaye, Myer. See Kaizer, M.	
Hutton, William Austin ... ..	1902	cKelllett, Alice Corfield ... ..	1929
Hynes, James Edward ... ..	1914	cKendal, Laurence Pollard ... ..	1928
cllkin, Alice Graham ... ..	1923	cKenneford, Arthur Spencer ... ..	1932
acIllingworth, Dudley Holden ... ..	1899	Kenyon, George Henry ... ..	1907
clingham, Bertram Hobart, Ph.D. ... ..	1924	Kenyon, Harold Leigh ... ..	1910
clingham, Harry ... ..	1907	Kenyon, Maxwell Slater ... ..	1902
Ireland, Clement Arthur ... ..	1908	Kenyon, Richard Ernest ... ..	1897
Isgrove, Annie (Mrs. Matthews) ... ..	1908	Kershaw, Edith May (Mrs T. G. B. Osborn) ... ..	1908
clsrails, Martin Cyril Gordon, M.B., Ch.B. ... ..	1929	acKershaw, Joseph Wood ... ..	1897
		cKettlewell, John Gibson ... ..	1901

1 Foulerton Research Professor of the Royal Society; Nobel Prize for Medicine; F.R.S.

2 H.M. Inspector of Factories.

3 Head Master, Bacup and Rawtenstall Secondary and Technical School.

4 Principal of Pitman's Schools, London.

5 Head Mistress, West Hartlepool Municipal High School

6 Principal of Branch Technical School, Openshaw.

7 Principal of Walker Technical College, Hartshill, Wellington, Salop.

8 Director of Education for Harrogate.

9 Professor of Civil Engineering, University of London.

10 Woodwardian Professor of Geology in the University of Cambridge; F.R.S.

\* O.B.E.

† Awarded D.S.O. and Croix de Guerre (French and Belgian); Belgian Ordre de Leopold;  
Portuguese Order of Ariz; Mentioned in Despatches four times.

‡ Awarded M.C. \*\* Degree conferred under Charter II. (3).

M.Sc.—continued.	Date of Degree	Date of Degree	
cKhan, Ahdu Samad ... ..	1918	cLowe, Harold ... ..	1911
cKing, Alfred ... ..	1917	Lowe, Harry Marchanton ... ..	1913
King, Herbert ... ..	1901	Lubrynska, Eva Froula ... ..	1913
cKirby, Frederick Oscar ... ..	1905	cLudiam, Ernest Bowman ... ..	1902
cKirkby, William Antony, Ph.D. ... ..	1919	cLunn, Robert Howard ... ..	1897
cKirkland, John ... ..	1903	Lupton, Harley ... ..	1922
Kitchin, Albert ... ..	1907	acLustgarten, Joseph ... ..	
Kletz, Leonore (Mrs. B. Pearson) ... ..	1913	(now Joseph Lustgarten Langton) ... ..	1901
Knott, Cyril Wakefield ... ..	1907	cLyon, Gerald ... ..	1923
Knott, Frederick Vernon ... ..	1914	cLyth, Rupert ... ..	1931
cLabrow, Schofield ... ..	1924	Macalpine, George Lawson ... ..	1905
acLamb, Ernest Horace ... ..	1902	cMaccall, William Tolme ... ..	1902
c**2Lang, William Henry ... ..	1929	McClure, William Ewart ... ..	1897
Langton, Joseph Lustgarten. ... ..		McConnan, James ... ..	1905
See Lustgarten, J. ... ..		McDavid, James Wallace ... ..	1912
Lankshcar, Frederick Russell ... ..	1912	4McDougall, William ... ..	1899
cLapage, Enid (Mrs. Geoffrey Lapage; graduated B.Sc. at Oldham) ... ..	1928	cMcGaughey, Charles Angus ... ..	1932
cLapage, Geoffrey, M.B., Ch.B. ... ..	1914	cMacgill, Elsie Isabel ... ..	1921
Lapage, Mrs. Geoffrey. See Lapage Enid ... ..		cMcKay, Alfred Tozer ... ..	1930
**3Lapworth, Arthur ... ..	1923	cMackerill, John ... ..	1915
Latham, Annie ... ..	1907	5MacMahon, Patrick Sarsfield ... ..	1909
Laurie, Mrs. ... ..		cMcNicol, Mary ... ..	1907
See Thatcher, Kathleen M. ... ..		McWilliam, Alexander ... ..	1911
cLaw, John ... ..	1898	cMaines, Albert ... ..	1924
cLea, Fanny ... ..	1923	c**6Matland, Hugh Bethune ... ..	1929
cLea, Thomas Russell ... ..	1924	Mallinson, Augustus. ... ..	
cLeach, William ... ..	1924	See Schlosser, Augustus ... ..	
Leah, Annie (Mrs. Nicholl) ... ..	1910	c7Maun, Harold Hart ... ..	1902
Lec, Norman ... ..	1908	March, Margaret Colley ... ..	1911
Leeming, William Thomas ... ..	1904	cMarples, Brian John ... ..	1931
Loes, Norman ... ..	1908	Marsden, Fred ... ..	1893
Leigh, Harold Shawcross ... ..	1912	cMarsden, Harold ... ..	1902
cLeinper, Hynie ... ..	1928	cMarsden, Ralph John Basil ... ..	1932
acLester, Joseph Henry ... ..	1893	cMarsh, John Thompson ... ..	1925
cLetter, Lily (Mrs. Horace Hayhurst) ... ..	1916	Marsh, Robert Lawrence ... ..	1908
acLevinstein, Herbert ... ..	1902	**8Marshall, Arthur Maines ... ..	1893
cLewis, Douglas Rostron ... ..	1926	cMarshall, Charles Edmund ... ..	1925
cLewis, Eric Hadfield ... ..	1922	a*Marshall, Charles Frederic, M.D. ... ..	1887
cLewis, Joseph Watson ... ..	1926	Marshall, Frederick William Dyson ... ..	1907
Lewtas, Oscar ... ..	1914	acMarshall, John Willis ... ..	1892
acLidbury, Frank Austin ... ..	1902	cMartin, Harold Eric, M.D. ... ..	1923
Lightbown, Constance Mary ... ..		Martin, Vincent Joseph ... ..	1902
(Mrs. H. Baker) ... ..	1917	Mason, Charles Moir ... ..	1911
Lindsey, Marjorie (Mrs. R. C. B. Jones) ... ..	1914	Mason, Mrs. E. See Slane, Una C. ... ..	
Lingford, Herbert Muschamp ... ..	1911	cMastin, Harold, Ph.D. ... ..	1922
cLinskill, William Arthur ... ..	1902	cMatheson, James Louis ... ..	1933
Linton, Stanley Fox, M.B., Ch.B. ... ..	1919	Mathews, Mrs. See Isgrove, Annie ... ..	
cLittlejohn, Ernest Salmond ... ..	1917	Maurice, Mrs. N. B. ... ..	
cLittler, Thomas Simms ... ..	1926	See Armstead, Dorothy ... ..	
cLittler, William Bryan, Ph.D. ... ..	1930	cMawson, Colin Ashley, Ph.D. ... ..	1930
cLivens, Robert Geoffrey ... ..	1915	cMaxfield, Herbert Lightfoot ... ..	1915
ALivsey, Charles Harold Cort ... ..	1888	Maxim, James Leonard ... ..	1910
Ll-wellyn, Benjamin ... ..	1910	Meadowcroft, Lancelot Vernon ... ..	1907
Lloyd, William Gibbs, M.B., Ch.B. ... ..	1903	cMeek, Colin Alfred ... ..	1932
cLojely, Alfred Glynn ... ..	1921	†Meir, Wilfrid Ault ... ..	1914
Lockett, William Thomas ... ..	1909	acMeischke-Smith, William ... ..	1890
Lo nax, Ernest Lawson ... ..	1912	aMelland, Brian ... ..	1886
Lord, Mrs. A. V. See Smith, Rachel M. ... ..		acMelland, Godfrey ... ..	1903
cLord, Frank ... ..	1907	aMellor, Alfred Ayre ... ..	1901
acLord, George Wilfred ... ..	1899	Mellor, Mrs. A. A. See Dean, Gertrude A. ... ..	
acLord, James ... ..	1901	Mellor, Benjamin Stanley ... ..	1914
acLovell, Reginald ... ..	1928	cMellor, Herbert Edward ... ..	1907
cLowe, Frank Harold ... ..	1906	Mercer, Alfred ... ..	1910
		Metcalfe, James Croxon ... ..	1905
		Middleton, Herbert ... ..	1911

1 Professor of Engineering in the University of London (East London College); Awarded D.S.C.

2 Professor of Cryptogamic Botany in the University; F.R.S.

3 Professor of Chemistry in the University; F.R.S.

4 Professor of Psychology in Duke University, Durham, North Carolina; F.R.S.

5 Professor of Chemistry, Canning College, Lucknow, India.

6 Professor of Bacteriology in the University.

7 Principal and Professor of Chemistry, Government of Bombay Agricultural College, Poona.

8 Late Professor of Zoology in the Owens College.

\* F.R.C.S. † Mentioned in Despatches.

\*\* Degree conferred under Charter II. (3).

M.Sc.—continued.	Date of Degree	Date of Degree
cMiles, Mary (Mrs. H. W. Miles) ...	1931	
aMiller, James McPherson ...	1900	
aMillett, John Thomas ...	1892	
c**1Milne, Edward Arthur ...	1926	
<i>Milner, Harold Wood</i> ...	1899	
cMinton, Thomas Hosker ...	1921	
cMitchell, Elizabeth Gertrude ...	1923	
Mitchell, Mrs. H. V. <i>See</i> Bagnall, Marie		
ac2Moorby, William Henry ...	1897	
*cMoore, Ernest John ...	1930	
ac3Moore, Frederick Craven, M.D. ...	1894	
Moorfield, Samuel Howarth	1908	
cMoorhouse, Mary Alice ...	1925	
c**4Mordell, Louis Joel ...	1924	
cMoreton, Walter ...	1924	
cMorgan, Albert Sidney Louis ...	1932	
cMorgan, Conway Frederick John ...	1928	
Morgan, John Stanley ...	1912	
*cMoritz, Siegmund ...	1908	
cMorrall, James ...	1925	
aMorris, Alfred ...	1904	
cMorris, Hubert Meredydd ...	1917	
<i>Morris, Tom Harrison</i> ...	1912	
cMorris, Victor Allen ...	1923	
a† <i>Morris-Avey, Harold</i> ...	1903	
cMorrow, John ...	1899	
cMorris, William Livesey ...	1925	
cMorton, Edgar ...	1924	
Motley, Parker ...	1898	
<i>Mottam, Edward Neville, Ph.D.</i> ...	1922	
aMouplied, Alfred Théophile de ...	1900	
<i>Mullock, Amy</i> ...	1905	
c5Mumford, Edward Philpott ...	1930	
<i>Mumford, Ernest Moore</i> ...	1913	
Mumford, Mrs. E. M. <i>See</i> Cliffe, Gladys		
cMurphy, Alfred John ...	1921	
a6Murray, John Moore ...	1896	
<i>Myers, John Ellis</i> ...	1897	
cNanney, Phyllis ...	1929	
Napier, Arthur George Fritz ...	1905	
Narke, Ganesh Govind, B.Sc. Tech. ...	1912	
cNash, Gladys (Mrs. G. Elliott) ...	1926	
acNaylor, Ernest Brooks ...	1900	
Naylor, Geoffrey Somerville ...	1907	
Naylor, Jonathan Harold ...	1907	
Naylor, Luther ...	1906	
c7Naylor, Thomas Martin ...	1925	
cNeave, Ferris ...	1928	
Neil, Alexander Cockburn ...	1900	
aNelson, George ...	1904	
Newton, Henry James ...	1911	
cNewton, William Henry, M.B., Ch.B. ...	1926	
Nicholl, Mrs. <i>See</i> Leah, Annie		
aNicholson, John William ...	1905	
Nicoll, Frank ...	1903	
Nightingale, Ernest ...	1911	
cNorton, Harold ...	1903	
Norris, Dorothy		
(graduated B.Sc. as Harrop)	1911	
cgNorris, Roland Victor ...	1909	
Nuttall, Henry ...	1907	
O'Brien, Frederick ...	1902	
O'Callaghan, Frank.		
<i>See</i> Callaghan, Frank		
acOgden, Geoffrey ...	1932	
acOkell, Joseph ...	1897	
Oldham, Enid. <i>See</i> Lapage, Enid.		
10Oldroyd, Arthur ...	1908	
<i>Ormerod, Ernest</i> ...	1903	
Osborn, Mrs. T. G. B.		
<i>See</i> Kershaw, Edith M.		
Osborne, Mrs. W. A.		
<i>See</i> Goodson, Ethel E.		
cOulton, Llewellyn ...	1912	
11Owen, Gwilym ...	1903	
cOxford, Albert Edward, Ph.D. ...	1924	
cOxland, Charles Harold ...	1908	
cPage, Arthur ...	1929	
*† <i>Palmer, Rupert William</i> ...	1913	
cParker, Albert ...	1913	
cParker, Bertha ...	1930	
cParker, Herbert Myers ...	1931	
<i>Parkinson,</i>		
<i>Thomas William Faraday, M.Ed.</i> ...	1904	
Parlby, Joshua ...	1924	
cPartington, William ...	1905	
Pauls, Charles Alfred ...	1897	
cPaulson, Eric Hodson ...	1931	
cPayne, Olga Grace Mary		
(Mrs. Payne-Chadwick, M.D.)	1914	
Payne-Chadwick, Mrs.		
<i>See</i> Payne, Olga G. M.		
acPeace, Thomas Arthur ...	1888	
acPearce, William Felix ...	1888	
Pearson, Mrs. B. <i>See</i> Klitz, Leonore		
acPearson, Herbert Pink ...	1902	
Pearson, Robert John Addison ...	1904	
Peaty, Henry Furnell ...	1911	
cPeck, Harry ...	1918	
cPeel, Eric Lord ...	1929	
cPemberton, Douglas Gordon ...	1929	
cPennington, Dorothy Welsby ...	1921	
a† <i>Pennington, James Dixon</i> ...	1897	
12Perkins, William Hughes ...	1907	
Peterkin, James Dysart ...	1901	
cPeters, Arnold Thornton, Ph.D. ...	1925	
cPhillips, Edgar Geraldus ...	1924	
Phillips, Ethel Margaret, M.B., Ch.B. ...	1912	
ac13Pickford, Alfred Garside ...	1890	
Pickford, Fred ...	1908	
Platt, Bevis ...	1911	
14Platt, James Clement ...	1911	
cPlatt, John Isaac ...	1924	
Platt, Wilfred ...	1908	
Platts, Mrs. <i>See</i> Gregory, Irene J.		
cPollard, Alfred, Ph.D. ...	1927	

- 1 Rouse Ball Professor of Mathematics in the University of Oxford; F.R.S.
- 2 Director of Works Department, the Admiralty.
- 3 Formerly Professor of Systematic Medicine in the University; F.R.C.P.
- 4 Fielden Professor of Pure Mathematics in the University; F.R.S.
- 5 Director of the Pacific Entomological Survey, Honolulu.
- 6 Director of Education, Warrington Borough Council.
- 7 Principal of the Harris Institute, Preston.
- 8 Professor of Mathematics in the University of London (King's College); F.R.S.
- 9 Professor of Bio-Chemistry in the Indian Institute of Science, Bangalore, S. India.
- 10 Head Master, The Grammar School, Heywood.
- 11 Professor of Physics, University College, Aberystwyth.
- 12 Director of Education for Warwickshire.
- 13 Head Master of the Hulme Grammar School, Oldham.
- 14 Head Master, Chadderton Grammar School.
- \* Awarded M.C. † C.B.E. ‡ Mentioned in Despatches.
- \*\* Degree conferred under Charter II (3).

M.Sc.—continued.	Date of Degree	Date of Degree	
cPollard, Benjamin, B.D. ....	1912	cRoberts, Ivy ....	1923
Pollard, Reginald Sidney ....	1911	Roberts, William Henry ....	1902
c*Pollitt, George Paton ....	1903	cRobinson, Arthur James ....	1905
*Popplewell, William Charles ....	1893	cRobinson, Edwin Brew....	1925
Porter, Ralph Classon ....	1895	cRobinson, Henry ....	1922
cPortman, Edward Dudley ....	1928	A Robinson, Henry Fishwick ....	1898
cPotash, Simon ....	1930	cRobinson, Joseph ....	1913
cPotter, Harry ....	1931	Robinson, Mrs. R. See Walsh, Gertrude M.	
Powell, Elizabeth Caroline (Mrs. J. D. Byrd), M.B., Ch.B.	1908	Robinson, Rona ....	1907
cPowell, Percival Herbert ....	1904	A Robson, Ernest Smith Awmack ....	1898
ciPrescott, James Arthur ....	1919	Rogers, Frank ....	1904
cPrice, Albert Thomas ....	1927	cRogerson, Harold ....	1907
cPriestley, Adam ....	1907	cRoscoe, William Hilton ....	1931
Priestman, Harold ....	1901	cRosenblum, Nathalie (Mrs. George Smith)	1916
cPritchard, Freda Mary (Mrs. G. C. Edmonds)	1922	Ross, William McGregor ....	1901
AcProudlove, Reginald ....	1895	cRothkopf, Bernard Paul (now Bernard Paul Rothwell)	1916
cPugh, Caecilia Elisabeth Mary, Ph.D.	1927	Rothwell, Bernard Paul See Rothkopf, B. P.	
AcQuarby, Alphonso Fitzalan ....	1904	Rothwell, Mrs. J. See Coward, Dorothy G.	
cQuayle, Mark, M.Ed. ....	1912	cRoussin, Arthur Louis ....	1931
cQuinn, James Cardwell ....	1894	Rowland, William Martin ....	1908
Radcliffe, Mrs. Frank. See Greenwood, Emmeline		Royds, Robert ....	1906
Radcliffe, Norman Brooke ....	1907	cRoyle, Frank Albert, Ph.D. ....	1914
Ramshaw, Walter ....	1902	Rudolf, Norman Scott ....	1897
cRandall, John Turton ....	1926	Rule, Alexander ....	1904
c**2Raper, Henry Stanley ....	1929	Russell, John Marshall ....	1903
AcRaundrup, Jens Henrik ....	1897	Rutter, George ....	1908
Rawsthorn, Reginald Bromley ....	1908	Ryan, Alfred ....	1911
Read, William John ....	1911	cSalisbury, Eric Hall ....	1926
AReckitt, Ernest ....	1909	cSalmon, Robert Joseph ....	1923
Redfern, Herbert Stanley ....	1905	cSamaan, Karam, Ph.D. ....	1919
cReed, Richard Sellers ....	1926	c**Sandeman, Edward ....	1916
cRees, William Pritchard ....	1921	cSanderson, William James ....	1920
Reeve, Edward ....	1909	c5Sandiford, Peter ....	1907
Renshaw, Bertha ....	1908	caSaunsbury, Robert, M.Ed. ....	1903
Reynolds, Frank Du Cane ....	1913	cSaxelby, Charles Harold ....	1905
AReynolds, Henry ....	1911	cSaxelby, Edith Mary (Mrs. A. G. Simon)	1907
Rhead, Alan Victor ....	1914	Ac6Saxelby, Frank Moulton ....	1898
cRhead, Thomas Fred Eric ....	1909	cSchedler, Jack Arnold ....	1922
cRichardson, Edwin ....	1923	AcSchloesser, Augustus (now Augustus Mallinson)	1888
3Richardson, Harry ....	1913	cSchofield, Thomas Hugh ....	1925
cRichardson, William Alan ....	1925	Scholefield, Fred ....	1906
Riddlesworth, William Henry ....	1901	c7Scholes, George Ernest ....	1907
Ridgway, Isaac Athorp ....	1910	AScotson, Annie, (Mrs. Attwell)	1901
cRidgway, Leslie Randal, Ph.D.	1921	Schröder, Harold ....	1914
AcRigby, Joe ....	1904	cSeferian, Manouk Haroutune (now John S Bradbury)	1921
cRigg, Jack ....	1931	cSein, Maung Kyaw ....	1933
Riley, Clifford ....	1910	c8Sellars, Edwin Lloyd ....	1913
Riley, John ....	1910	cSettle, Herbert Leslie ....	1932
cRiley, Kenneth ....	1925	cSever, William ....	1922
Riley, Mary ....	1908	cSewell, James Fowler ....	1933
Riley, Thomas Nixon ....	1907	cShaffer, Gershon ....	1932
cRimmer, Travis ....	1907	cSharples, George Bertrand Sharratt, Walter	1914
4Rimmer, William Bolton ....	1906	cShaw, Edwin Brian ....	1926
Ritchie, Mrs. See Ellen Fish Ritchings, Walter	1907	cShaw, Elsie ....	1925
ARixon, Frederick William ....	1903	A Shaw, William Bolton ....	1898
cRoberts, Alice ....	1928	cShaw, William Senior ....	1915
†Roberts, Arthur ....	1912	cSheehan, Donal, M.D. ....	1932
Roberts, Francis Joseph ....	1911		
cRoberts, Frank ....	1927		

1 Professor of Agricultural Chemistry in the University of Adelaide.

2 Professor of Physiology in the University; C.B.E., F.R.S.

3 Principal of Bradford Technical College.

4 Officer-in-Charge, Commonwealth Solar Observatory, Mount Stromlo, Canberra, Australia.

5 Professor of Education in the University of Toronto.

6 Head of Mathematical Department, Battersea Polytechnic.

7 Professor of Engineering in the University of Liverpool.

\* Awarded D.S.O. † Awarded M.C. and additional bar; Serbian Order of Whit. Eagle (with Swords).

‡ M.B.E. § Awarded M.C. \*\* Degree conferred under Charter II. (3).



M.Sc.—continued.	Date of Degree	Date of Degree
cSheehan, Harold Leeming, M.D. ...	1932	Steele, Frances Mary ... .. 1908
Sheldon, Ada ... ..	1910	aSteinthal, William Paul ... ..
acSheldon, Robert Acheson ... ..	1904	(later W. P. Stonedale) 1897
Sheldon, Wilfred ... ..	1914	cStennitt, Sydney Dockeray ... .. 1904
Shepherd, Arthur Burton ... ..	1902	cStephen, Florence Violet, M.B., Ch.B. 1923
cSherratt, Joseph ... ..	1931	Stephen, Mrs. Henry.
cShirley, Jack ... ..	1930	See Heyworth, Edith
Shosmith, John Baldwin ... ..	1920	cStephens, Frances Lotte ... .. 1928
cShores, Jeff Henry ... ..	1899	aStephens, Blamey ... .. 1890
Shorrook, Beatrice. See Davies, Beatrice		cStephenson, William ... .. 1923
Shorrook, Joseph ... ..	1898	Stewart, Charles Henry ... .. 1900
Shorrocks, Ernest ... ..	1900	cStewart, David ... .. 1926
Short, Mrs. W. F. See Brown, Kathleen		Stewart, Dorothy Anderson... .. 1914
cShortt, William Methuen ... ..	1922	Stirling, James Frederick.
cShutt, William James ... ..	1919	See Corrigan, J. F.
Sikes, Louis ... ..	1898	Stockings, William Ernest ... .. 1905
cSimon, Alfred Gordon ... ..	1908	cStocks, Frederic Arnold ... .. 1920
Simon, Mrs. A. G. See Saxelby, Edith M.		Stonedale, W. P. See Steinthal, W. P.
cSimpson, Charles ... ..	1922	Stones, George Bertram ... .. 1908
cSimpson, Robert ... ..	1928	Stopford, Thomas Rinck, Junior ... .. 1913
acSims, William Edgar ... ..	1896	Storey, Robert ... .. 1909
Sinclair, John Henry ... ..	1906	Storr, Bertram Vincent ... .. 1901
cSingleton-Green, John, Junior		cStott, Vaughan Husband ... .. 1915
(graduated B.Sc. as Green, J. S.)	1925	aStrange, Edward Halford ... .. 1897
aSinkinson, Samuel ... ..	1902	cStrange, Nevill Hilder ... .. 1930
*Sinnatt, Oliver Sturdy ... ..	1907	cStubbs, Alfred Eric, Ph.D. ... .. 1930
cSkirrow, Frederick William ... ..	1900	cStubbs, John Robert ... .. 1903
cSlane, Una Christine (Mrs. E. Mason)	1917	cStubbs, Sydney Robert ... .. 1923
caSlater, Francis Philip ... ..	1921	cSudworth, James ... .. 1928
Slater, Wilfrid Ernest ... ..	1914	Sugden, John Henry ... .. 1904
cSmith, Alan Lawrence ... ..	1922	cSugden, Vincent Henry ... .. 1901
Smith, Albert Joseph ... ..	1903	cSunner, Cyril Gordon, Ph.D. ... .. 1926
Smith, Arthur Richard ... ..	1908	aSunner, Leonard ... .. 1897
cSmith, Edgar Charles, Ph.D. ... ..	1923	aSunner, William ... .. 1885
Smith, Frank Wagstaff ... ..	1897	Sutcliffe, Edgar ... .. 1905
cSmith, Frederick Llewellyn ... ..	1931	Sutcliffe, Herbert ... .. 1920
cSmith, George ... ..	1918	cSutton, Hubert ... .. 1917
Smith, Mrs. George.		cSwan, Enoch ... .. 1921
See Rosenblum, Nathalie		cTaberner, Edwin ... .. 1918
† <i>ac</i> Smith, James Lorraine ... ..	1905	cTattersall, Fred ... .. 1929
aSmith, Joseph Tertius ... ..	1917	cTattersall, George ... .. 1906
cSmith, Rachel Margaret		Taylor, John Bernard ... .. 1901
(Mrs. A. V. Lord)	1934	cTaylor, Elizabeth Alice ... .. 1924
cSmith, Thomas (now T. Knappe Smith)	1924	cTaylor, Frank Edward, M.A., M.B., Ch.B. 1898
Smith, Thomas Knappe.		cTaylor, Harold (Bacup) ... .. 1923
See Smith, Thomas		Taylor, Herbert George ... .. 1909
cSmith, Victor ... ..	1924	aTaylor, John ... .. 1902
acSnape, Alfred Ernest ... ..	1905	Taylor, Mary ... .. 1912
cSnape, Nellie ... ..	1908	Taylor, Robert Francis ... .. 1905
South, Arthur ... ..	1903	Taylor, Mrs. William.
Southall, Arnold ... ..	1909	See Firth, Elsie M.
cSouthern, Herbert Kenneth ... ..	1923	cTaylor, William Hodge, Ph.D. ... .. 1927
Sowerbutts, Hilda ... ..	1909	c* <i>ac</i> Telford, Evelyn Davison ... .. 1929
Spencer, Edmund Stone ... ..	1901	cTennant, Norman Scholefield ... .. 1906
aSpencer, Henry Thomas ... ..	1893	cThatcher, Kathleen Mary (Mrs. Laurio) 1921
Spencer, Richard Decimus ... ..	1910	cThewlis, James ... .. 1926
cSpiers, John ... ..	1933	Thomas, Arnold ... .. 1902
cStafford, John ... ..	1924	cThomas, Doris Mary ... .. 1923
aStafford, William ... ..	1913	aThomas, Fred ... .. 1904
* <i>ac</i> Standen, Robert ... ..	1924	Thomas, Frederick ... .. 1908
Standing, Herbert Fox ... ..	1904	Thomas, Mrs. F. See Dobson, Mary E.
aStansfield, Edgar ... ..	1903	cThomas, Garfield ... .. 1922
aStansfield, Samuel ... ..	1906	Thomas, Percy ... .. 1901
Starkie, James Kayton ... ..	1904	c* <i>ac</i> Thompson, Frank Charles ... .. 1929
cStedman, Ernest ... ..	1911	Thompson, John Lindley ... .. 1910

1 Professor of Aeronautical Science at the R.A.F. Cadet College, Cranwell.

2 Formerly Professor of Textile Technology in the University.

3 Late Professor of Pathology, University of Edinburgh.

4 Professor of Civil Engineering, South African College, Capetown.

5 Head Master, Purbrook Park County High School, Cosham, Hants.

6 Professor of Systematic Surgery in the University; F.R.C.S.

7 Professor of Metallurgy in the University.

\* Awarded M.C.

† F.R.C.S.

\*\* Degree conferred under Charter II. (3).

M.Sc.—continued.	Date of Degree	Date of Degree	
Thompson, Muriel	1907	Walton, Harry	1904
AThomson, Charles Sheldon	1892	cWard, Edith	1899
*Thomson, James Stuart	1915	AWard, Harry Bernard	1906
cThornley, Sidney, Ph.D.	1922	cWard, Henry Pilkington	1903
cThorp, Henry, M.B., Ch.B.	1903	AWard, Percy Frank	1912
cThorp, Samuel	1915	3Wardle, Robert Arnold	1914
Threlfall, Harold Spencer	1899	Warmisham, Arthur	1911
Thwaites, John Herbert	1903	Ac4Warrington, Arthur Walley	1887
cTideswell, Frederick Vincent	1917	*c5Watson, David Meredith Seares	1910
cTilling, Norman	1922	Watson, Fred Sheasby	1905
Ac1Tinspany, Harold Munkian	1902	cWatson, Herbert Wood	1920
cTimpe, Ronald	1924	Watson, Hubert	1908
cTinker, George Parker	1923	cWatson, William Harling	1923
Tuft, Louis	1907	Watteville, Charles Frédéric de	1906
Tomlinson, Alfred	1907	Waugh, Christopher England	1911
Tomlinson, John	1902	Waugh, William	1911
Tomlinson, John, B.Sc.Tech.	1928	cWebb, Charles Henry	1901
Topham, Leonard West	1907	*c**6Weiss, Frederick Ernest	1905
c**2Topley, William Whiteman Carlton	1923	AWells, Norman	1904
cTopping, James	1925	West, John	1911
cTuck, James Leslie	1931	West, Tom	1911
Turner, Harry	1906	Weston, Arthur Tom	1906
Turner, Maurice Russell	1909	Wetherall, Arthur	1906
cTwist, Herbert	1924	Whaley, Frank Walmsley	1908
Tyldesley, Mrs. See Birtwell, Constance		Whalley, George William	1911
		Whatmough, William Henry	1901
UDall, William	1902	Wheatcroft, Kenneth Douglas	1904
cUnwin, Frederick	1906	cWhite, Seville Milne	1931
Utley, James Arthur	1906	Whitehead, Thomas	1907
		cWhitehead, Raymond, M.D.	1932
Valentine, Abraham Henriques	1895	cWhitehouse, William John	1933
AcVarley, George Percy	1904	Whiteley, Charles Edward	1902
cVarley, Harold	1926	Whiteley, William	1913
Veitch, Mrs. See Harvey, Eleanor B.		cWhittenbury, George Vincent	1932
cVickers, Wilfred, M.Ed.	1912	cWhittington, Richard Barrett	1933
Vollmer, George Frederick	1900	Whitton, Fred	1908
Vonberg, William Martin Ronald	1911	cWhitworth, Clifford, Ph.D.	1928
		cWigglesworth, Grace	1906
Wadsworth, Thomas	1906	cWignall, Harry	1916
AWagstaffe, Ernest Arthur	1893	Wihl, Eric Theodore	1907
AWale, Royden Cobden	1903	cWilcox, Leonard	1924
cWalkden, James	1925	Ac3Wild, Robert Briggs	1894
AWalker, Charles	1905	Wildridge, Arthur Westley	1908
AWalker, Edward	1889	Wilkinson, George Robert	1910
cWalker, Jack	1926	cWilkinson, John Frederick, Ph.D., M.D.	1921
Walker, John Haslam	1911	cWilkinson, Lionel St. George	1910
Walker, William Eric	1908	cWilkinson, Marjorie	1930
Wall, George	1900	cWilkinson, Reginald	1929
cWalley, Robert Josiah	1914	cWilliams, Thomas Bowden	1902
cWalley, William Stanley	1920	cWillcox, Thomas	1930
cWalls, Noel Stanley, Ph.D., M.B., Ch.B.	1920	AcWilliams, Arthur Edward	1920
Walmsley, Mrs. Charles. See Withington, Doris		cWilliams, Charles Garrett	1931
cWalmsley, George James	1909	Williams, Christmas Price	1906
cWalsh, Gertrude Maud (Mrs. Robert Robinson)	1908	8Williams, Evan Clifford	1917
Walsh, Joseph	1912	9Williams, Frederic John, M.Ed.	1911
cWalton, Arthur	1929	cWilliams, James	1924
		cWilliams, Samuel	1921
		Williams, Thomas Arthur	1911
		cWilliams, William Ewart	1926

1 Head Master, Evening Technical School, Brighton.

2 Professor of Bacteriology and Immunology in the London School of Hygiene and Tropical Medicine.

3 Professor of Zoology in the University of Manitoba.

4 Professor of Science in the Shansi Imperial University, China.

5 Jodrell Professor of Zoology and Comparative Anatomy in the University of London (University College).

6 Professor Emeritus, formerly Professor of Botany and formerly Vice-Chancellor in the University.

7 Professor Emeritus, and formerly Professor of Materia Medica and Therapeutics in the University.

8 Formerly Ramsay Professor of Chemical Engineering in the University of London (University College).

9 Head Master, Central School, Alexandra Road, Tipton.

\* F.R.S. \* Degree conferred under Charter II. (3).

## M.Sc.—continued.

	Date of Degree		Date of Degree
cWillmer, Edward Nevill	1926	cWood, William Arnold	1925
Willott, Frank	1909	*cWoodall, Ambrose Edgar, M.D.	1909
cWillows, Richard	1930	cWoodhead, Donald Whitley	1923
cWilson, Alexander	1907	cWoodhead, John Alfred Abarestro Lamb	1931
cWilson, Douglas Patrick	1929	cWoodhead, Norman	1927
cWilson, George Harper	1891	acWoolley, Bertha Elizabeth	1905
cWilson, Harold Albert	1900	cWormwell, Frank	1927
cWilson, John	1897	cWorrall, Gladstone Walter	1904
Wilson, John	1910	cWrigley, Joseph Schofield	1923
cWilson, Percy George	1929	cWyatt, Stanley, M.Ed.	1912
cWilson, Richard Henry	1923	cWykes, Frederick Henry	1915
Wilson, Sidney Rawson, M.B., Ch.B.	1906	Wylde, James Rawdon	1920
cWilson, Stuart Henry John	1922		
cWilson, Vera Katherine	1926		
cWithington, Doris			
(Mrs. Charles Wainasley)	1921		
cWithington, John Wilfred	1928	A Yates, John William	1903
cWolfenden, Keith	1925	Yates, Joseph	1908
Wolfenden, Ralph	1908	Yates, William Herbert	1898
acWolf, Charles Ernest	1910	cYeadon, Robert	1932
cWood, Cyril Warcup, M.Ed.	1923	cYeoman, Joyce Buckley	
cWood, Harold	1923	(Mrs. F. R. A. W. Conway)	1925
cWood, Harry Edwin	1905	cYoffey, Joseph Mendel, M.D.	1920
Wood, Herbert Alexander	1909	Young, John Henry	1901
cWood, Raymond George	1929	Young, Robert	1911
cWood, Stanley Albert	1926	**Young, Thomas John	1915
		A Young, William John	1902
		Zortman, Israel Hyman	1918

## B.Sc.

The first part of this list contains the names of the Associates of Owens College who received the Degree of B.Sc. in accordance with the provisions of the Charter of 1880 (iv. § 3), and of the Charter of 1903 (ii. § 3).

John Edward Allen.	George Henry Darwin.
† James Hartley Ashworth.	William Dodgson.
Percy Ashworth.	Gibson Dyson.
Edmund Atkinson.	Clifford Blackburn Edgar.
Frederick Harvey Barling.	Abraham Matthewson Edge.
c† Thomas Barlow.	John Elliott.
George William Barrow.	William Arnold Evans.
c† Peter Phillips Bedson.	cJohn James Kent Fairclough.
cFrederick William Bennett.	John Thomas Faulkner.
Edward Jeremiah Blos.	cJohn Ferguson.
Isaac Blore.	Arthur Walton Fuller.
Hugh Walter Boddy.	cThomas Harry Gardner.
cThomas Carter Booth.	Alexander Gibson.
cWalter Henry Brazil.	c† Thomas Ashton Goodfellow.
cHorace Edward Brothers.	cJohn Harley Gough.
cGeorge Brown.	cAlfred Henry Green.
Samuel Buckley.	John Alfred Griffiths.
5 Judson Sykes Bury.	James Gwyther.
cFrank Butterfield.	cArthur Harry Haigh.
Arthur Wellesley Cadman.	cWilliam John Hancock.
Thomas Carnelley.	Nathan Charles Haring.
cWilliam Edward Chadwick.	Thomas Harris.
† Julius Berend Cohen.	cGeorge James Haslam.
cJoseph Collier.	Thomas Hahnemann Hayle.
John Kent Crow.	John Parsons Headridge.
William Dancer.	Edward George Hiller.
cWilliam Howarth Darling.	John Hodgson.

- 1 Professor of Physics, Rice Institute, Houston, Texas, U.S.A.
- 2 Professor of Natural History in the University of Edinburgh.
- 3 Bart.; Physician to H.M. Household; formerly Holme Professor of Clinical Medicine in the University College Hospital, London.
- 4 Professor of Chemistry in the Armstrong College, Newcastle-upon-Tyne.
- 5 Formerly Professor of Clinical Medicine in the University.
- 6 Formerly Professor of Organic Chemistry in the University of Leeds.

\* F.R.C.S.; Kt.

† F.R.S.

‡ F.P.C.P.

§ C.B.E.; T.D.

\*\* Degree conferred under Charter II. (3).

B.Sc.—continued.

cAlbert Hopkinson.  
Charles Hopkinson.  
Edward Hopkinson.  
John Hopkinson.  
Peter Horrocks.  
\*William Heaton Horrocks.  
Walter Hurst.  
Frederick William Jordan.  
Alfred John King.  
Arnold William Warrington Lea.  
Walter Leaf.  
Archibald Prentice Letward.  
David Bridge Lees.  
Charles Richard Lindsey.  
cRobert Meredith Littler.  
Arthur McDougall.  
Robert Maguire.  
cJohn William Meek.  
cCharles Herbert Melland.  
c†Edward Thomas Mellor.  
†c2 Joseph William Mellor.  
Mica-Smith. See A. M. Smith.  
Edmund Taylor Milner.  
cAlfred Alexander Mumford.  
cJohn Crawhall Nichol.  
cCharles Joseph Parkinson.  
Frederick Morrish Pierce.  
John Edward Platt.  
†3 John Henry Poynting.  
Charles Henry Preston.  
Thomas Carleton Railton.  
Edwin Rayner.  
4 Ernest Septimus Reynolds.  
Charles Ernest Richmond.

Edward Robinson.  
cJohn Thomas Rogerson.  
c5 John Henry Roskill.  
Isaac Scarth.  
William Edward Sewers Scott.  
Thomas Hoyle Sims.  
Frank Blenkinsopp Sherrett.  
Alfred John Smith.  
6 Alfred Micaiah Smith (later A. Mica-Smith)  
c7 Arthur Smithells.  
8 Frederick Armitage Southam.  
9 Alfred Ernest Steinthal.  
Frederick Tertius Swanwick.  
James Taylor.  
†10 William Thorburn.  
†1 Thomas Edward Thorpe.  
Henry Tomkins.  
cClement Bernard Voisey.  
c8 Thomas Watts.  
William Marshall Watts.  
Malcolm Webb.  
c† Frederic Hibbert Westnacott.  
cArthur Thomas Wilkinson.  
cJohn Price Williams.  
William Carleton Williams.  
cRichard Thomas Williamson.  
Thomas Alfred Willis.  
William Leonard Willis.  
cOliver Withers.  
cEdgar Worthington.  
cWilliam Barton Worthington.  
Charles Romley Alder Wright.  
Richard Thomas Wright.  
Sydney Young.

	Date of Degree
cAbba, Edna Dorothy ... ..	1927
cAbraham, Mazhuvanchery Chakko ...	1923
Adams, Claire Estelle ... ..	1908
Adams, Joseph ... ..	1910
cAdams, May Louise ... ..	1923
Adamson, George ... ..	1912
cAdderley, Cyril John ... ..	1922
cAddey, Dorothy Mary ... ..	1921
cAinscouth, John ... ..	1922
cAinscow, Cuthbert Blundell, M.B., Ch.B.	1928
cAinsworth, Thomas ... ..	1932
cAirey, Frederick Thomas ... ..	1915
Aitken, Gladys Mary Elizabeth ... ..	1914
cAitken, William ... ..	1899
cAkred, Alice ... ..	1929
cAlan, Syed Mahmood ... ..	1927
cAlbinson, John ... ..	1915
cAlderson, Bernard Dunn ... ..	1931
Alderson, Christopher ... ..	1912
cAlderson, John Dalton ... ..	1927
cAldred, Violet ... ..	1930
cAldrick, Maurice John ... ..	1922
cAldridge, Clarice Mabel ... ..	1931
cAlexander, Thomas Stuart ... ..	1915

	Date of Degree
Alexandre, Mrs. See Cass, Kathleen L.	
cAlexandresco, Grigore ... ..	1924
cAli, Mir Laik ... ..	1927
cAli, Mohd Vajahat ... ..	1930
Alikhan, Mir Ahmed ... ..	1911
cAllam, El-Sayed Ahmed ... ..	1932
cAllanson, William Greenall ... ..	1920
Allcott, Arnold ... ..	1907
cAllen, Jessie ... ..	1928
cAllen, Margaret Dorothea ... ..	1922
cAllen, Walter Edward ... ..	1921
Allison, John Raymond ... ..	1899
cAllison, Muriel ... ..	1933
Allpass, James Trafford ... ..	1902
cAlmond, Agnes May ... ..	1922
cAlmond, Percy ... ..	1923
cAlston, Robert Torr ... ..	1915
cAltham, Jesse Liddel ... ..	1890
cAmes, Mercy Sybil ... ..	1927
cAmin, Abdel Halim ... ..	1930
cAmos, John Henry ... ..	1923
Anderson, Cyril Clark Segar ... ..	1898
cAnderson, James Gordon ... ..	1933
cAnderson, Jean Margaret ... ..	1930
Anderson, Jesse ... ..	1907

- 1 Acting Director, Geological Survey of the Transvaal.
  - 2 Principal of Stoke-on-Trent Central School of Science and Technology.
  - 3 Late Professor of Physics in the University of Birmingham.
  - 4 Late Professor of Clinical Medicine in the University, and Professor Emeritus.
  - 5 Judge of the Salford Hundred Court of Record.
  - 6 Sometime Professor of Chemistry in the School of Mines, Ballarat.
  - 7 Director of the Salters' Institute of Industrial Chemistry.
  - 8 Formerly Professor of Systematic Surgery in the University; late Professor Emeritus.
  - 9 Late Treasurer of the University.
  - 10 Late Professor of Clinical Surgery in the University; C.B. (Military Division); C.M.G.; K.B.E.
  - 11 Formerly Professor of Chemistry in the Royal College of Science.
- \* K.C.M.G. † F.R.S. ‡ F.R.C.S. § Kt.  
¶ C.B.E.; T.D.; Mentioned in Despatches. || Awarded D.S.O.

## B.Sc.—continued.

	Date of Degree
cAnderson, Joseph Evelyn Fernon	1924
Anderson, Mrs. W. McK. <i>See</i> Whitehead, Phyllis P.	
Anderton, James Westall	1909
cAndrew, James Russell, M.A.	1925
cAndrew, William Russell	1925
cAndrew, Mrs. Gerald. <i>See</i> Gartside, Winifred	
Angus, Alfred Henry	1900
cAnnis, Walter	1928
cAnsari, Ziauddin	1929
Anson, Emily	1904
cAppleby, Enid	1924
cAppleton, Lydia Mary (Mrs. Geo)	1917
Appleyard, John Henry Ross	1897
Archdeacon, William Henry	1893
Arifuddin, Syed	1911
Armes, Jane Prue	1902
cArmistage, Dennis Lockhart	1933
cArmistage, Geoffrey Lockhart	1928
Armistage, George Herbert	1897
Armistead, Henry	1900
Armstrong, Gladys Maria (Mrs. H. B. Speakman)	1914
cArnold, Leslie	1930
Aron, Mrs. C. J. <i>See</i> Stiebel, Dorothy C.	
cAronsajn, Zusman	1931
cArthur, Esther Marguerite (Mrs. J. D. Hannah)	1922
Arthur, William Alfred	1913
cAsgar, Syed Ali	1929
cAshburner, Alfred Edward	1929
cAshby, Leonard James	1915
cAshcroft, Alice	1926
cAshcroft, Walter	1921
<i>Ashforth, Thomas Bertram</i>	1906
cAshurst, William, M.Sc.Tech.	1926
cAshton, Albert	1923
cAshton, Arnold Broadbent	1933
cAshton, Margaret Karfoot	1931
cAshton, Ralph	1924
cAshworth, Arthur	1924
cAshworth, Arthur	1930
cAshworth, Fred	1923
cAshworth, Josiah	1924
cAshworth, Milton Hargreaves	1917
cAspinall, Henry Turner	1922
cAspland, Alfred Lees	1900
cAttack, Mary	1921
cAtherton, Arnold	1932
Atherton, James	1911
cAtherton, William	1922
cAtkinson, Arthur Lawrence	1929
cAtkinson, Charles	1922
cAtkinson, Elizabeth Joyce	1930
cAtkinson, John Douville	1927
cAttenborough, Edith Mary	1919
cAttenborough, Joan Margaret <i>Auld, Elde</i>	1932
2Auld, Helen Park	1899
Auld, Lillian Elizabeth	1900
cAung, Maung Hla	1930
cAustin, George Bentley	1931
cAustin, Marjorie	1922
Aveyard, Ethel Ann (Mrs. Beckerlegge)	1902
*††Bachtold, Heinrich	1910
cBagshaw, Constance Marian	1928
cBaguley, Frederick Everard	1922
cBaig, Mirza Humayun Ali	1929
Bailey, Alfred	1913

	Date of Degree
cBailey, Elfrieda	1931
*Bailey, George Cyril	1910
Baillie, Thomas Bryson	1896
Baillie, Thomas Grimbaldeston	1914
cBaird, Marjorie	1926
Baker, Frank	1895
cBaker, Norman Butler	1915
cBaldwin, Ada	1932
cBall, Alec Richard Chesters	1931
<i>Ball, James Handby</i>	1896
cBall, John	1922
cBall, Leslie Wilson	1933
cBall, Mary Alice	1917
Bally, Harold Spencer	1898
cBalmie, Harold	1924
Balmforth, Edgar Nichols	1896
cBamber, Cecil Horace	1915
cBamber, John Plowright	1926
cBamber, Robert Stansfield	1923
cBamford, William	1927
cBanfield, James Robert	1928
cBanham, Katherine May (Mrs. J. W. Bridges)	1919
cBanks, George Baldwin	1924
cBannister, Gladys	1921
cBardsley, Reuben	1930
cBarkas, Wilfred Watson	1922
cBarker, James Frederic	1925
Barker, Leonard Noel	1903
cBarker, Mabel Adeline	1924
cBarker, Sidney Middleton	1924
cBarker, Wilfred	1924
cBarlow, Alfred	1921
cBarlow, John Elliott	1927
Barlow, Percy Smith	1897
cBarlow, Richard	1922
Barnes, Arthur Chapman	1914
cBarnes, Hilda Jane	1922
cBarnes, Mary (Mrs. Higginbotham)	1918
cBarnes, Richard Burchan	1923
cBarnes, Roland, M.B., Ch.B.	1927
cBarnett, Charles William	1932
cBarnsdale, Hilda Mary	1931
Baron, Harold	1903
cBarraclough, Oswald	1925
cBarretto, Herculano do Livramento	1918
cBarrett, Agatha Olive	1924
cBarrett, Maxwell Mandall	1928
††Barron, Sidney Norman	1907
§Barron, Ernest Isaac	1910
Bartlett, Godfrey Thomas	1903
Barton, Edith Beatrice	1904
cBarton, John	1926
cBashforth, Edward	1929
<i>Bashforth, George Albert</i>	1897
cBate, James Reed, B.A.	1894
cBate, Reginald Noel	1923
Bateman, Samuel	1902
Bates, Mrs. <i>See</i> Brocklehurst, Mary	
Batho, Cyril	1904
cBattersby, Thomas Frederick	1933
cBatty, Richard John, M.D.	1906
cBaxendale, Herbert Addison	1928
cBayley, George Alasdair	1926
cBeale, Margaret	1919
Bean, David Denzil	1912
cBeard, Mary Lillian, B.A.	1895
3Beard, William Keith	1896
cBeam, James	1924
cBeaton, Joseph Robert	1933
Beattie, William Austin	1926

1 Principal, Denton Technical School

2 Head Mistress, Esdaile Ministers' Daughters' School, Edinburgh

3 H.M. Inspector of Factories.

\* Awarded D.S.O. † Mentioned in Despatches.

† Awarded M.C.

§ O.B.E.

B.Sc.—continued.	Date of Degree
Beazley, Arthur Tetley ... ..	1902
cBeck, Hugh ... ..	1924
Becker, Mrs. <i>See</i> Butler, Mary H.	
Beckerlegge, Mrs. <i>See</i> Aveyard, Ethel A.	
Beckett, Arthur Denison, M.B., Ch.B. ...	1896
Beckett, Eleanor ... ..	1909
cBedson, Noel Phillips ... ..	1909
cBeely, John Wilfred ... ..	1931
cBeetham, Jack ... ..	1932
cBeever, Grace ... ..	1928
cBegbie, Dorothy Grace ... ..	1922
cBegg, Frances Barbara	
(Mrs. J. A. Williams)	1929
cBell, Alan Brewis ... ..	1922
Bell, Albert Henry ... ..	1902
cBell, Christina Malcolm ... ..	1933
cBell, Edward ... ..	1932
Bell, James ... ..	1906
cBell, John ... ..	1915
cBell, Laura Joan Lancaster ... ..	1925
cBell, Marjorie ... ..	1916
cBellis, Cecil ... ..	1929
cBellis, Edith ... ..	1925
Belsen, Mrs. <i>See</i> Thompson, Ethel	
cBenatar, David ... ..	1894
Benn, Ethel ... ..	1909
cBennett, Alwyn ... ..	1930
cBennett, Ruth ... ..	1926
cBenson, Donald ... ..	1922
Benson, Hannah ... ..	1912
cBenson, Marjorie ... ..	1911
Benson, Mary, M.A. ... ..	1908
Benson, Willie ... ..	1911
Bentley, Basil ... ..	1925
cBentley, Dorothy Lillian	
(Mrs. A. N. Taylor)	1921
cBentley, Frederic Herbert, M.B., Ch.B.	1926
cBentley, James Priestley ... ..	1922
Benton, Harold William ... ..	1911
cBerens, Cyril ... ..	1933
cBerrington, Maud ... ..	1931
cBerry, Ethel ... ..	1922
cBerry, Frederick ... ..	1912
cBerry, Malcolm ... ..	1930
cBerry, Stanley ... ..	1921
cBerth-Jones, Eric Wollaston ... ..	1933
cBest, Albert Edward ... ..	1932
cBeswick, Norah (Mrs. Thomas Dawe) ...	1917
ABickerton, William Henry ... ..	1892
*cBicknell, Arthur ... ..	1913
Billington, Whitworth Leonard ... ..	1915
Binns, Arthur ... ..	1914
Binns, Joseph ... ..	1912
Bion, Melvyn Robert ... ..	1913
cBirkett, Alan Geoffrey ... ..	1922
cBirkett, Arthur Noel, M.B., Ch.B. ...	1927
cBirkett, Francis Karl ... ..	1924
cBirley, Stephen Harvey Yvon ... ..	1909
Birnage, George Alfred ... ..	1896
cBirtles, Sam ... ..	1929
cBirtwell, Ellen Harrison ... ..	1925
cBirtwistle, Alice ... ..	1924
ABirtwistle, George ... ..	1896
cBishop, Edward ... ..	1928
iBlack, James ... ..	1906
Blackburn, Charles Bewicke ... ..	1894
cBlackwell, Charles Alfred ... ..	1916
cBlakeman, Kathleen Joyce ... ..	1926
*Bland, John ... ..	1911
cBlank, Merton	
(now Merton Joseph Blank)	1929

Blank, Merton Joseph.	
<i>See</i> Blank, Merton	
cBlashill, Thomas ... ..	1923
cBlaylock, Thomas Eggleston ... ..	1923
cBlomerley, Harold William ... ..	1922
cBloomer, Dora ... ..	1931
cBloor, Frederick ... ..	1920
Bloor, Harold Edgar ... ..	1902
cBlower, George Frederick ... ..	1921
cBlythe, Harold John ... ..	1927
ABoardman, Ernest ... ..	1896
cBoardman, John Leslie ... ..	1932
cBoardman, Tom ... ..	1924
cBoden, Edith ... ..	1932
cBoffey, Harold ... ..	1922
cBogie, Reginald ... ..	1929
Bolas, Harold ... ..	1910
cBolton, Norman William, M.B., Ch.B.	1927
Bond, Ralph Victor ... ..	1912
cBone, William Henry ... ..	1932
cBooth, George Harry Hodgson,	
M.B., Ch.B.	1922
cBooth, Harold ... ..	1929
cBooth, Mary (Mrs. Rupert Howard) ...	1915
cBooth, Norman ... ..	1924
cBoothby, Orlando ... ..	1922
cBor, Joseph, M.Sc.Tech. ... ..	1931
cBorrovs, Francis Alfred ... ..	1925
cBossons, Arthur ... ..	1923
cBoswell, Joseph, B.A. (Com.) ... ..	1920
Bott, Constance Mary ... ..	1902
cBotteley, John ... ..	1925
cBottomley, Edith ... ..	1921
cBoulsover, Esther Ann	
(Mrs. Harold Jaggard)	1905
cBowcott, Charles ... ..	1921
cBower, Thomas Fleming ... ..	1924
Bowker, Eliza Kenyon ... ..	1910
cBowker, Hilda Mary ... ..	1924
cBownass, Nora ... ..	1930
Boyd, Harold de Haven ... ..	1895
Boyd, Simeon ... ..	1903
cBoyer, John Harrison ... ..	1932
acBoyle, David Harrop ... ..	1896
cBraby, Frederick Cyrus ... ..	1922
cBracegirdle, Roy ... ..	1924
cBradbury, Dorothy ... ..	1925
cBradbury, Rupert Harcourt ... ..	1925
cBradley, Cecil William ... ..	1923
cBradley, Charles Arthur ... ..	1924
cBradley, Christine ... ..	1918
Bradley, Mrs. E. <i>See</i> Heyes, Marion	
cBradley, Hilary ... ..	1921
Bradley, William Timothy ... ..	1897
cBradshaw, Alfred Ernest ... ..	1925
cBradshaw, Harold ... ..	1916
cBradshaw, William Norman Bingham	1915
Bradshaw, Mrs. <i>See</i> Holden, Daisy A.	
cBrady, Richard Peter, M.A. ... ..	1922
Braithwaite, William Dalston ... ..	1895
Bramall, Mrs. Geoffrey.	
<i>See</i> Law, Gertrude	
Bramwell, Frederick ... ..	1906
cBrandt, Solomon ... ..	1915
Branson, John Charles Sydney ... ..	1904
cBraund, Basil Kelly ... ..	1923
Brayshay, Maurice William ... ..	1903
Brear, Arthur ... ..	1894
Breeze, Charles Alfred ... ..	1910
cBreeze, John Frederick ... ..	1904
Brennan, Louis Harry ... ..	1906

i Head Master, Durban Boys' High School, Natal.

\* Awarded M.C.

B.Sc.—*continued*.Date of  
Degree

cBrentnall, Ammye Selina (Mrs. G. B. Wild)	1915
cBreton, Arthur Russell	1932
cBrew, Austen Charles	1932
cBrewin, John Lees	1930
cBrewis, Grace Molly (Mrs. D. C. Henry)	1930
cBridge, Alan Hardman	1933
cBridge, Frederick Handel	1929
cBridge, Marjorie Alexander	1937
cBridge, Thomas Ridley	1923
Bridges, Mrs. J. W. See Banham, Katherine M.	
Brier, Albert	1902
cBriercliffe, Rupert, M.B., Ch.B.	1913
cBrierley, Arthur	1930
ABrierley, Joseph, B.Com.	1893
Briggs, Ernest	1901
cBriggs, George Hamer	1933
ABrindley, Albert Edward, M.B., Ch.B.	1886
cBriscoe, John	1928
Brislee, Francis Joseph	1902
cBrittain, Herbert	1915
cBroadbent, Frank Reginald	1922
1Broadhead, James Arthur	1904
Broadley, William	1898
cBrookdehurst, Mary (Mrs. Bates)	1915
2Bromley, Harry, M.A.	1906
Brook, Harry	1902
cBrooks, Doris	1916
cBrooks, Gladys	1924
cBrooks, Harry	1921
cBrooks, May	1923
cBrooks, Nora	1930
cBrown, Annie Elizabeth	1922
cBrown, Clifford	1921
cBrown, David Gregory	1921
Brown, Florence Margaret	1905
cBrown, Florence Winifred (Mrs. Williams)	1918
cBrown, Herbert	1928
cBrown, James Arthur Kinnear, M.B., Ch.B.	1924
cBrown, Joseph Patrick	1920
cBrown, Kathleen (Mrs. W. F. Short)	1920
cBrown, Margaret Mary	1915
*cBrown, Sydney	1903
Brown, Tom, M.A.	1910
cBrown, Walter John	1920
cBrown, William Gilroy, M.Ed.	1925
Brownsdon, Charles	1900
ABroxap, Walter	1894
Bruce, Albert Ezra	1913
Bruce, Mary Walbrand (Mrs. J. McCrae)	1901
cBruce, Reginald	1933
cBrundrett, Joseph	1922
cBuakwan, Chai	1925
Buckle, Amy (Mrs. O. C. de C. Ellis)	1913
cBuckle, Helen (Mrs. Macauley)	1916
cBuckley, Frank	1932
cBuckley, Harry	1916
cBuckley, Joan	1926
cBuckley, Lawrence Lees	1922
cBuckley, Lucy (Mrs. J. W. Pinniger)	1891
Budden, Gilbert	1912
Budge, Huxton Ernest Uric	1914
cBullin, Lawrence	1921
cBullock, William Charles Penry	1922
cBullough, Arthur Stanley	1931
cBullough, Phyllis Joyce	1928

Date of  
Degree

Bullough, Mrs. W. A. See Ross, Agnes L.	
Bulman, John Arthur	1904
Bundock, Arthur William	1910
cBunting, Ethel (Mrs. Robinson)	1923
cBurchill, John	1931
cBurden, Ivon Charles Joseph	1924
Bürger, Arthur William	1913
cBurgess, Arthur	1921
cBurgess, Fred	1927
Burgess, William Ernest	1902
cBurke, Frank	1922
3Burnett, Theodore Ridley	1898
ACBurnham, John Charles	1888
cBurns, Doris	1922
cBurrows, Gladys May	1919
cBurton, Arthur	1933
Burton, John Reginald	1905
ABurit, Arthur Henry	1896
cBurt, George Edward	1905
Bury, Frederick Norman Victor	1914
cBushnell, Edward Luvis	1928
Butler, Mrs. Carlton. See Simpson, Margaret G.	
cButler, Frank	1922
Butler, Mrs. Frank. See Coxon, Katie L.	
cButler, Frederic	1921
cButler, Mary Horsfall (Mrs. Becker)	1922
cButterfield, Margery	1927
cButterworth, Alice Marjorie, M.B., Ch.B. (Mrs. F. W. Cundiff)	1925
cButterworth, Ernest, M.Sc. Tech.	1922
cButterworth, Harry Lewis	1921
Butterworth, Harwood	1907
cButterworth, James Harvey	1923
Butterworth, John Filling	1913
cButterworth, Philip Stanley	1922
cButterworth, William Fred	1928
Byles, John Edward	1911
Bywater, William	1904
cCadman, Anton John	1931
Calam, Harold	1904
Callaghan, Charles James (now C. J. O'Callaghan)	1899
cCallan, Edward McCallum	1933
Callister, William Edward	1902
cCallow, George Eric Cheslyn	1913
Calvert, Harry Thornton	1897
cCameron, Duncan	1932
Cameron, Mrs. S. See Warham, Amy E.	
Campbell, Duncan	1905
cCampbell, Herbert	1927
cCampbell, John Duncan	1924
Campbell, Mrs. N. R. See Sowerbutts, Edith U.	
cCane, Ellen	1925
Cannell, John Kaneen	1899
cCannell, Norman	1925
cCapper, Hal	1933
C4Caress, Nora	1911
cCargill, Walter Paulet	1931
cCarmichael, John Fisher	1896
cCaro, William Albert	1923
cCarr, Alan Fifield	1927
cCarr, Harry	1932
Carr, William	1914
Carrier, Elsie Haydon	1903
cCarruthers, Bertha Helen	1931

- 1 Head Master, County Secondary School, Leiston, Suffolk.
  - 2 Head Master, Queen Elizabeth's Grammar School, Middleton, Lancs.
  - 3 Principal, George Green School, Poplar.
  - 4 Head Mistress, Wyggeston Grammar School for Girls, Leicester.
- \* Awarded M.C.

B.Sc.—continued.

	Date of Degree
Carson, George Edward St. Lawrence	1892
cCary, Charles William Edwin	1924
cCasasola, Elizabeth Mary	1925
cCasey, Emily Mildred	1919
cCass, Gordon William George	1922
cCass, Kathleen Lydia, M.B., Ch.B. (Mrs. Alexandre)	1913
cCasselden, Marjorie Florence	1920
cCastle, Doris Caroline	1932
*Castle, Leonard James	1908
cCausar, Marjory	1932
cCausey, George Hargreaves	1923
Causey, Samuel	1924
Cavanagh, Mrs. Bernard. See Nightingale, Florence	
Caville-Turner, H. See Turner, Herbert	
cCawley, Martin	1928
cCawley, Mary (Mrs. R. E. C. Thomas)	1925
Chadwick, Edgar Ignatius	1906
cChadwick, Isabel Ellen	1928
cChadwick, John	1926
Chadwick, Percival Wager	1904
Chalmers, Charles Stuart	1902
Chambers, Joseph Stanley Claud	1914
cChambers, Margaret Halley	1914
Champion, Claud Lee	1907
cChampruss, Gladys Margaret	1930
cChan Toon, John	1918
cChantler, Winifred	1922
cChaplin, Basil Henry Giles	1933
Chapman, Harold Percy	1896
cCharlesworth, Ruth	1928
cChariton, Margaret Helena (Mrs. Lance Fallaw)	1898
cCharnley, Frank	1922
cCharnley, John	1932
Chater, William John	1901
cChatterton, Bessie	1925
cChatterton, Roland	1929
cChatwood, Albert	1920
cChaudhury, Saicasana-Prosad	1933
cCheetham, Kenneth Heyworth	1933
Cheshire, Walter Kay	1899
Chevassut, Frederick George	1909
cChick, George Clifford	1925
Childs, Hugh	1913
cChristie, William Allan	1932
cClapp, John Bernard	1924
cClark, Alan Percy	1921
cClark, Campbell	1928
cClark, Francis James	1932
Clark, James	1901
cClark, Leslie Vincent Woodhouse	1924
cClark, Margery	1932
cClarke, Bradbury Percy James	1919
cClarke, John	1926
cClarke, John Robert	1923
cClarkson, Charles Edwin	1920
Claus, Frank Harold	1912
cClayton, David	1925
cClayton, James Gillespie	1922
Clayton, John Alfred	1911
acClayton, Robert Henry	1893
cCleary, Ralph Phillips	1913
cCleave, Richard Francis	1933
Clegg, Alexander	1914
cClegg, Arthur Wynford	1915
cClegg, Edward Leslie Gilbert	1915
cClegg, Frederick Bradbury	1910
Clegg, Kathleen	1913
Clegg, William Alfred	1911

	Date of Degree
cCleverley, Albert Mountain	1921
cClifford, Ivor Laurence	1928
Close, William Woolf	1910
cClough, Eva (Mrs. Stewart)	1914
cClough, James	1926
cCoates, William Henry Roy Addison	1930
cCock, Ellen	1927
cCockerill, Harry	1922
cCockram, Ellis	1925
cCockrain, Leslie	1916
cCockrill, Gerald Whittaker	1924
cCocks, Gertrude Fallows, M.Sc. Tech. (Mrs. E. V. Newnham)	1916
cCohen, Maurice	1933
Cohen, Simon	1912
Coleclough, Henry Tudor	1907
cColeman, Guy William Jordan	1922
cColeman, Mary Hicks	1926
cColles, Charles	1915
cCollingwood, Barbara Lilian	1925
cCollins, Alfred Drew	1929
cCollins, Patrick Gerard	1930
cCollinson, Harold	1924
ACollinson, Robert Whiteley	1897
cComstive, Elsie	1922
Condliffe, George Edward	1913
cConnal, John Macdonald	1928
Connolly, Thomas Francis	1899
cConstantine, Muriel	1921
cConway, Aubrey John	1913
Cook, Albert William	1901
Cook, Charles	1895
cCook, Kenneth Barry	1931
cCooke, Harry	1932
cCookson, Charlotte Catherine Cooper, Cecil Hamer	1927
cCooper, Elizabeth Maud	1931
cCooper, Evelyn Mary	1925
cCooper, Jack	1933
cCooper, Leonard	1924
Cooper, Thomas Brammall	1891
Cooper, William Arthur	1903
Cope, Herbert Ambrose	1900
cCoppock, Philip Dalton, M.Sc. Tech.	1925
cCorbishley, Helena Ruth	1931
cCorkill, John Henry Corkill, Mrs. W. H. See Perry, Dorothy E.	1931
cCorlett, Edward Wattleworth, M.Ed.	1922
Corrie, William Edward	1898
Coston, Edward Percy	1902
cCotton, Henry Ernest	1932
cCottrill, Eric Grant	1926
Couldrey, Paul Sidney	1897
Coulthard, Albert	1898
Court, Arthur Lacy	1911
acCoutts, Francis James Henderson, M.D.	1908
Coutts, Mrs. See Lee, Bessie	
cCoventry, Arthur Frederick	1923
cCowan, Robert	1923
Cowap, John Chester	1904
cCowell, Evelyn Norma	1915
Cowell, Rhoda Mary (Mrs. Alfred Robinson)	1898
cCowan, Kenneth Henry	1930
cCowley, Anna (Mrs. T. S. Hanlin)	1924
cCox, Winifred Elsie	1932
cCoxon, Katie Leonora (Mrs. Frank Butler)	1923
cCrabtree, George Hampden	1915

1 Head Master, Friends' School, Sidcot.

2 Senior Medical Officer, Ministry of Health; C.B.

\* Awarded M.C.



## B.Sc.—continued.

	Date of Degree		Date of Degree
cCrabtree, John Wallace ... ..	1915	cDanischewsky, Ewsey ... ..	1927
Crabtree, Walter, M.B., Ch.B. ...	1896	cDarbyshire, Elsie ... ..	1920
cCran, David Leslie, M.B., Ch.B. ...	1926	cDarbyshire, Wilfred ... ..	1932
cCran, James Donald Hanson ... ..	1931	cDarch, Leslie Thomas ... ..	1926
cCrane, Rose ... ..	1920	cDarlington, Charles Roy ... ..	1931
Crankshaw, Hugh Mason ... ..	1906	cDarlington, Cyril Edward ... ..	1928
Craske, Mrs. F. W. T. ... ..		cDarwin, George ... ..	1915
See Wilson, Nellie		cDasnabairochana, Snid ... ..	1928
Crawford, William ... ..	1913	cDavenport, Arthur Keetley ... ..	1932
Crawford-Kehrmann, J. ... ..		cDavenport, George ... ..	1897
See Kehrmann, J.		cDavenport, Harold ... ..	1927
Crawshaw, Annie ... ..	1903	cDavenport, James ... ..	1929
cCrawshaw, Irene ... ..	1921	cDavey, Charles Edwin ... ..	1888
cCrawshaw, Jenny ... ..	1929	cDavid, William John ... ..	1904
cCreek, Arthur Sydney ... ..	1933	cDavidson, John Foster ... ..	1921
Creery, William Foster ... ..	1914	cDavidson, Ronald ... ..	1922
Creighton, Thomas Henry ... ..	1894	cDavies, Eric Shore ... ..	1925
Cressy, Eileen Margaret ... ..	1927	cDavies, Eric William David ... ..	1906
Crichton, James ... ..	1903	cDavies, Frederic Bernard ... ..	1922
cCrichton, Harold Mossman ... ..	1925	cDavies, Herbert ... ..	1924
cCritchlow, John ... ..	1931	cDavies, Margaret Elizabeth	
cCroft, Agnes Gertrude (Mrs. H. Salkeld)	1923	(Mrs. Frank Roscoe)	1895
Crofts, George ... ..	1903	cDavies, Mona Kathleen ... ..	1923
cCronshaw, Cecil John Turrell ... ..	1913	*Davies, Thomas Charles Blagden ... ..	1907
cCropper, Edmund ... ..	1926	cDavies, Wilfred ... ..	1920
cCropper, Frank ... ..	1922	cDavies, William Emrys, B.A. (Admin)	1924
cCropper, Jennie Hosker (Mrs. Marsden)	1917	cDavis, William John ... ..	1904
cCropper, John Westray ... ..	1902	cDawn, Harold Frederick ... ..	1914
cCropper, Nellie (Mrs. I. M. Hughes) ...	1925	cDawson, Annie Margaret ... ..	1931
cCrosfield, Hilda ... ..	1921	cDawson, Ben ... ..	1900
Crossill, John ... ..	1901	cDawson, Charles Dermot Raugdale ...	1933
cCross, George Harold ... ..	1893	cDawson, George Duncan ... ..	1932
cCross, Phyllis Margaret ... ..	1924	cDawson, James Ferguson ... ..	1907
Crosse, Elsie Josephine ... ..	1914	cDawson, John Arthur Thorp ... ..	1933
Crossie, Henry Corry ... ..	1906	cDawson, Sarah Elizabeth ... ..	1919
cCrossley, Thomas ... ..	1933	cDaykin, John Bertram ... ..	1904
Crowcroft, Olive Mary ... ..	1910	cDeakin, George Arthur ... ..	1903
Crowther, Herbert ... ..	1900	cDeakin, Kenneth Vincent, M.B., Ch.B.	1918
cCrowther, James ... ..	1933	cDeakin, Mary St. Faith ... ..	1931
cCrowthier, Kenneth Appleyard ... ..	1931	cDean, Frank ... ..	1930
cCroxon, Charles ... ..	1916	cDean, Jeffrey Baron ... ..	1927
cCruikshank, Hilda Artiss ... ..	1918	cDean, Thomas ... ..	1903
Cryer, Edward ... ..	1902	cDean, Winifred, M.B., Ch.B. ... ..	1927
Cundiff, Mrs. F. W. ... ..		cDearden, Alexander Charles ... ..	1923
See Butterworth, Alice M.		cDearden, John ... ..	1925
cCunliffe, Herbert ... ..	1933	cDearmaley, Alfred ... ..	1920
cCunliffe, Leslie ... ..	1933	cDuarnaley, Annie Mildred ... ..	1931
Cunliffe, Mrs. See Heath, Emily C.		cDeer, William Alexander ... ..	1932
cCunnah, Jack Eric ... ..	1922	cDeighton, Thomas, M.A. ... ..	1911
cCunningham, Jean Orme ... ..	1903	cDenson, Robert Beckett ... ..	1899
cCunnington, Harold Tipping ... ..	1933	cDennis, Herbert ... ..	1902
cCursetjee, ... ..		cDennison, William Cunningham,	
Noshurvan Jehanghur Manockjee	1913	M.B., Ch.B.	1903
Curzon, John Richard ... ..	1911	cDent, John Geoffrey ... ..	1930
Cussans, Margaret Mary (Mrs. Hewitt)	1901	cDesai, Rasendra Pinaki Prasad ... ..	1932
Cussons, John ... ..	1897	cDewhurst, Frederick ... ..	1902
Cussons, Mabel Olive ... ..	1908	cDewhurst, James ... ..	1896
cCutler, Maurice Frederick ... ..	1929	cDewhurst, Milton ... ..	1921
cDakin, Harold Percy ... ..	1932	cDickerson, Emily ... ..	1909
Dakin, Henry Drysdale ... ..	1901	cDickey, John Porter Yeates ... ..	1924
cDale, Alfred John ... ..	1921	cDickinson, Colin ... ..	1931
cDalglish, Jessie Dorothy ... ..	1903	cDickinson, Cyril ... ..	1901
cDalton, Edna Eileen ... ..	1931	cDickinson, Elsie ... ..	1918
cDaly, Joseph Hector ... ..	1921	cDickinson, Norman Farrer ... ..	1931
Daly, Mrs. L. ... ..		cDickinson, Winifred ... ..	1925
See Gulbenkian, Christine M.		cDigby, Ronald Yarham ... ..	1921
cDaniel, Elizabeth ... ..	1915	cDillamore, Alfred William Arthur ...	1928
cDaniel, Frederick ... ..	1921	cDixon, Anthony ... ..	1923
cDaniels, Harold ... ..	1924	cDixon, Douglas Leslie ... ..	1925

1 Joint Managing Director, Dyestuffs Group, British Chemical Industries.

2 Fellow of Trinity College, Cambridge.

3 Head Master, Tiffin Boys' School, Kingston-upon-Thames.

4 Principal, Boys' High School, Panchgani, Bombay Presidency, India.

\* Awarded M.C.

B.Sc.—continued.

B.Sc.—continued.	Date of Degree	Date of Degree	
cDixon, Francis James	1933	cEcroyd, Eveline Mary (Mrs. George Tattersall)	1925
cDixon, James	1921	cEdgoose, Burt Walter	1921
cDixon, Thomas Johnson	1912	cEdkins, John Roy Pierpoint, M.B., Ch.B.	1927
cDixon, Walter	1921	cEdwards, Alice	1933
cDixon, William Graham	1915	cEdwards, Edith Frances	1930
Dobson, James Whalley	1910	Edwards, Frank Stanley	1921
cDobson, Sydney Birkett	1925	cEdwards, Muriel Mary, M.B., Ch.B.	1924
Dobson, William Henry Noel	1898	cEdwards, Sydney	1921
Docker, Fred	1916	cEgli, Minnie (Mrs. E. J. Moore)	1919
cDodd, Frederick Thomas	1930	cEl-Diasti, Salih	1930
cDodds, Mary	1927	cEley, Hubert Leslie	1932
Donaghy, William	1902	cElias, Gwyn	1921
Donaldson, Mrs. See Gibbons, Wilhelmina	1916	Eller, Cyrus Radcliff	1914
cDone, Bertram	1925	Elliott, Cyril	1911
cDone, Cyril	1925	cEllis, Annie	1917
*Douglas, William Robert, M.B., Ch.B.	1902	Ellis, Frank Thomas	1901
iDouglass, Arthur	1913	cEllis, Hedley Vickers	1931
Douglass, Malcolm	1885	Ellis, Mrs. O. C. de C. See Buckle, Amy	1921
cDownham, Watson Charles	1932	cEllis, Sarah	1929
cDowning, Francis William Hal	1921	cEllis, Sarah	1929
cDowns, Edna Kathleen	1928	cEllis, Thomas Parry	1922
Doyle, Arthur Lawton	1912	Ellis, Violet Jessie (Mrs. Thompson)	1930
cDoyle, James	1927	Ellison, Wilfred	1902
cDrake, Edith Marion	1923	Embleton, John William	1925
cDrake, James	1927	Emmett, Stanley	1909
cDreyfus, Charles Philip	1929	Emmott, Robert	1911
cDriver, Harold	1922	Emsley, Sydney	1911
cDruce, Solomon	1928	Emson, Mrs. See Winstanley, Gertrude	1907
cDubash, Mahiar Dhanjishaw	1932	Ensor, Mrs. R. C. K. See Fisher, Helen	1923
cDuckworth, Mary	1927	Entwistle, Adeline Maud	1912
cDuddle, Charles Leslie	1922	Entwistle, Harold	1903
Duff, Gordon Alison	1904	Esdaile, George Augustus Churchill	1912
cDuff, John Bruce	1900	Eva, Douglas Cooper	1913
Duggan, Edwin Merle	1904	Eva, Wilfred Harvey	1933
cDuke, Lillie	1917	cEvans, Alwyn Gwynne	1923
cDuke, Richard Corder	1922	cEvans, David Donald	1933
Dukes, Ashley	1905	cEvans, David Gwynne	1933
cDunbar, Allen Dawson	1929	cEvans, Ella Margaret	1908
cDuncan, Doris Margaret	1920	Evans, George Arthur, B.A.	1923
cDuncan, Jeannette	1921	Evans, Henry Collins	1899
Duncan, John	1895	Evans, Horace Walter	1929
Duncanson, Alexander Walker	1904	Evans, Jack Edmund	1897
Dungan, Mrs. E. A. See Watts, Ethel A.	1928	Evans, John Eric	1928
cDunkerley, Benjamin, M.B., Ch.B.	1928	cEvans, Michael Irwin	1930
cDunn, Roland Harris	1922	cEvans, Philip Rainsford, M.B., Ch.B.	1923
cDunsbee, Harry	1922	Evans, Stephen Walmsley	1923
cDurant, Nicholas John	1922	Evans, Trevor Maldwyn	1903
cDurham, Ernest George	1930	Evans, William Thomas	1901
Dutt, Saraju Kumar	1908	Evans, Mrs. See Threlkeld, Eileen	1901
Dutton, Frank	1806	Everett, James Herbert	1894
cDutton, Rita Harris	1922	Ewart, Arthur Ernest	1926
cDuxbury, Hilda	1929	cEaton, Robert Gordon	1901
cDuxbury, Margaret (Mrs. Pilling)	1924	acFairbourn, William Walker	1901
cDye, Herbert	1920	Fairbrother, Mrs. Fred. See Spann, Grace	1910
Dyke, Thomas James	1907	*Fairclough, John	1932
cDyson, Harry Gibson	1927	cFairhurst, John	1933
Eardley, Mrs. See Simister, Elsie	1928	cFairweather, Alan	1933
cEarl, Francis John Glen	1920	Fallow, Mrs. L. See Charlton, Margaret H.	1921
cEarnshaw, Annie	1922	Falle, Mrs. H. de C. See Huxley, Frances M.	1932
cEasey, Harold Ernest	1927	cFarber, Miriam	1901
cEastwood, Cyril Gravel, M.B., Ch.B.	1923	Farmer, Frank Harvey	1921
cEastwood, Edith	1928	cFarmer, Norman Ward	1930
cEastwood, Ethel Maude	1930	cFarnworth, Ellen	1931
cEastwood, Frank Edward	1933	Farquharson, Mrs. D. J. See Wright, Hilda M.	1927
cEastwood, Fred Horncastle	1931	cFarrar, Dennis	1922
cEaton, John	1919	cFarrar, Harry Taylor	1933
*cEchlin, John Patrick	1915	cFarrer, James Alfred	1922
cEchlin, Joseph Edward O'Brien	1915		
cEckersley, Ida Mary. M.Ed. (Mrs. Littler)	1912		

† Head Master of Friends' School, Wanganui, New Zealand.

\* Awarded M.C.

† Awarded Order of the Crown of Italy.

B.Sc.—continued.	Date of Degree		Date of Degree
cFaulkner, Mary Somerville ...	1933	Fox, Herbert ...	1910
cFawthrop, Margaret Renton ...	1932	cFox, Joseph Patrick ...	1932
cPayle, Harold ...	1905	Fraine, Mrs. <i>See</i> McHowat, Annie	
Fearnley, Lewis William Knapton ...	1903	cFrance, Albert ...	1926
aFeatherston, Sydney ...	1901	cFrancis, Marcus, Ph.D. ...	1921
cFeingold, Reuben ...	1933	cFrancis, Thomas George ...	1922
cFelton, Audrey ...	1926	cFrancke, Joan	
cFenton, Eric Graham ...	1931	(Mrs. G. V. Whittenbury)	1930
cFerguson, Margaret Mary, M.B., Ch.B.	1927	cFrankland, William ...	1922
cFerguson, Rowena Mabel ...	1932	cFraser, Harry Roy ...	1933
Fernyhough, Walter Mitchell ...	1914	Fraser, Kenneth Royse ...	1924
cFerry, George James Watson ...	1923	Fraser, Lennox Reginald ...	1902
Ffoulkes-Jones, Geoffrey Squire ...	1922	cFreeman, Kenneth ...	1932
Fidler, Florence Eliza Chertham ...	1918	Freeman, Peter ...	1910
Field, Ernest Wilfred Fulham ...	1896	Freeman, William George ...	1910
cField, Eve Garwood ...	1924	French, James Wilson ...	1895
Fielden, John Albert ...	1911	cFrith, Frank Stuart ...	1932
Fielden, John Richard ...	1910	cFrith, Louis, M.Sc.Tech. ...	1931
cFielden, Leonard ...	1921	acFrost, Robert ...	1882
cFielding, William ...	1932	Fry, Stafford ...	1900
cFiles, James Stanley ...	1930	cFryer, Arthur ...	1922
cFiles, Joseph Robert ...	1927	cFuller, Dorothy ...	1926
cFiles, Mary ...	1925		
cFinch, Eliza ...	1920	Gabbott, Edgar Parr ...	1907
cFinch, Frank Leighton ...	1928	Gadd, Mrs. R. P. <i>See</i> Lisle, Minnie I.	
Finch, Mary ...	1912	Galleymore, George Reginald ...	1910
Findler, Charles Bailey ...	1925	cGandine-Stanton, Dorothy Annie ...	1921
cFindlow, Harry Henshaw ...	1927	cGarde, Vinayak Govina ...	1932
Finn, Cornelius Philip ...	1901	cGardiner, Henry ...	1933
cFinney, Jack ...	1929	cGardiner, Mary ...	1925
Firth, Annie (Mrs. Arthur Rhodes) ...	1898	Gardner, Alexander ...	1906
Firth, Charles Turner ...	1900	cGardner, Frank ...	1921
cFirth, Frank Irving ...	1932	Gardner, Vincent ...	1911
cFirth, Harold ...	1931	Garland, Ellen Mary ...	1914
acFisher, Helen (Mrs. R. C. K. Ensor) ...	1897	cGarland, James Bowden ...	1922
Fisher, John Carrow ...	1911	cGarlick, Wilfrid ...	1931
cFisher, John McNeal ...	1931	cGarnett, Enid (Mrs. Harry Shaw) ...	1924
Fisher, Paul ...	1903	cGarnett, Gilbert ...	1930
cFishwick, John ...	1920	Garnsey, Lady. <i>See</i> Howles, Miriam	
cFliton, Arnold ...	1931	cGarrett, Reginald ...	1931
cFliton, Jack ...	1926	cGarthwaite, Wilfred ...	1930
cFliton, William ...	1932	cGartside, Harold ...	1916
Fitzgerald, Edward ...	1902	cGartside, Herbert ...	1928
cFitzpatrick, Reginald Tom ...	1922	cGartside, Winifred (Mrs. G. Andrew) ...	1922
cFleet, Marjorie ...	1932	cGarvie, Robert Morrison Halley ...	1929
Fletcher, David ...	1901	cGaskell, Helen Marguerite ...	1923
cFletcher, George Alexander ...	1926	Gaskell, Sam ...	1914
cFletcher, Harold Roy ...	1929	Gatecliff, John ...	1903
cFletcher, Marian Rebecca ...	1915	cGattie, Charles Hubert, M.B., Ch.B. ...	1929
Fletcher, Mrs. <i>See</i> Pickles, Ina		cGauld, George Alexander ...	1927
cFlint, Richard James ...	1925	cGaulter, Leyland Victor ...	1930
Flower, George William ...	1904	Gaunt, Louis Henry Armistead ...	1903
<i>Flower-leaf, Dorothy Phyllis</i> ...	1915	Gaunt, Rufus ...	1902
cFlowers, Charlie ...	1910	Gaut, Robert Charles ...	1904
cFoden, George Enul Gregson ...	1927	Gee, Mrs. <i>See</i> Appleton, Lydia M.	
cFoden, John Bathorne ...	1923	cGeiler, Dorothy Anna, M.B., Ch.B. ...	1927
cFogg, Elaine de Sainte Croix ...	1917	cGeiler, Elsie Gertrude ...	1927
Forber, Edward Rodolph ...	1897	Geiler, Gertrud Hermine, M.D.	
cFord, William George Kenneth ...	1932	(Mrs. G. Hickling)	1906
Forsyth, Christina Brand ...	1900	cGelder, William Alfred Edward ...	1932
Foster, David Charles, M.A. ...	1907	Gerrard, Percy ...	1914
cFoster, Florence Mackenzie ...	1920	Gerrard, Mrs. Percy. <i>See</i> Higson, Evelyn	
cFoster, Freda ...	1929	Gerrard, Peter ...	1913
cFoster, George ...	1931	cGerrard, Sydney Joseph ...	1928
Foster, Glyn William Arnold ...	1902	Ghosh, Jyotish Chandra ...	1912
Foster, Robert Bruce ...	1902	Gibb, Alec Terris, M.B., Ch.B. ...	1913
Fothergill, Albert Sandall Cyril ...	1905	cGibbon, Eric Rupert ...	1922
Fothergill, George Harold ...	1910	cGibbons, Wilhelmina (Mrs. Donaldson) ...	1928
cFothergill, Louisa ...	1926	rGibbs, George Reginald, M.A. ...	1910
cFoulds, Edward James, M.B., Ch.B. ...	1916	cGibson, Frederick Roberts ...	1922
Foulkes, William ...	1900	cGibson, John Buchanan ...	1932
cFowlds, William Lyndon ...	1928	Gifford, Philip Henry ...	1912
cFowles, John ...	1925	cGilbert, Stuart Kendrick ...	1922

B.Sc.—continued.	Date of Degree	Date of Degree
cGilbody, Henry Joseph...	1923	cGreenhalgh, Frank ... 1933
cGilbraith, Kenneth ... 1925		Greenhalgh, Nathaniel ... 1909
Giles, Humphrey Noel ... 1903		cGreenhalgh, Richard ... 1924
cGill, Amos ... 1916		Greenhalgh, Mrs. Richard.
cGill, Anne (Mrs. A. V. Ibberson) ... 1919		See Whipp, Hilda
Gill, John Frederic ... 1897		cGreenough, Albert ... 1924
acGill, Margaret Emma ... 1890		Greenwood, Alfred, M.D. ... 1908
Gill, Percy Smith ... 1902		cGreenwood, Arthur ... 1903
cGill, Sydney ... 1926		cGreenwood, Frederic Mervyn ... 1925
cGill, Thomas ... 1925		Greenwood, Harry ... 1910
Gillman, Percy ... 1905		cGregory, James ... 1923
cGilman, Joseph Arthur ... 1920		cGregory, James Edgar ... 1924
Gilmore, Edward Fitzgerald Gelston ... 1913		Gregory, William Macdonald ... 1911
cGilmore, Eric St. George, M.B., Ch.B. ... 1919		cGriffiths, David Lloyd, M.B., Ch.B. ... 1929
cGirgis, Fahmy Yousif ... 1931		cGriffiths, Griffith Walter Harding
cGlaister, Kenneth Goodall ... 1931		Griffiths, John, jun. ... 1922
Gleave, Ada Bineham ... 1902		acGrime, Jessie ... 1897
IGledhill, Luther ... 1898		Grime, John William ... 1896
Gledhill, Walter ... 1905		Grimshaw, Mrs. See Grant, Florence S.
cGlover, Hilda Margaret ... 1921		AGrindrod, Walton ... 1901
Godwin, Lillian ... 1905		cGrocott, John Gerald Samuel ... 1922
cGolding, Monica Irene ... 1924		Grove, Thomas ... 1896
Gomersall, Ernest Edward ... 1904		cGroves, Alexandra Winifred,
*Gooch, Harold ... 1908		M.B., Ch.B. (Mrs. S. L. Mucklow) ... 1925
cGoodall, Ernest ... 1920		Grummitt, William Clarke ... 1914
cGoodall, George Forest ... 1922		2Grundy, Frederick Roscoe ... 1894
cGoodier, Ethel ... 1921		cGrundy, Stanley James ... 1929
cGoodson, Frederick James ... 1922		*c3Guest, George, LL.B., M.Ed. ... 1906
cGoodwin, Leslie Charles ... 1921		Guest, Peter Healey, M.A. ... 1912
cGoodwin, May Edwards ... 1928		cGuha, Pares Chandra ... 1933
cGoorn, Wilfrid ... 1926		cGuise, Paul Elmore Colin ... 1928
Gordon, Mrs. D. G.		cGulatee, Ram Dass ... 1922
See Presslie, Dorothy G.		cGuibekian, Christine Mary
cGordon, Horace ... 1930		(Mrs. L. Daly) ... 1926
cGordon, Thelma ... 1931		cGuthrie, Thomas ... 1894
cGordon, William ... 1932		
cGorst, Bernard James ... 1930		cHabanananda, Swai ... 1928
Gorst, Joseph Harold ... 1902		cHaddock, Violet Wray ... 1921
cGorton, James Moorhouse ... 1931		Haddon, John William ... 1903
cGoude, Helena Louise ... 1920		cHaden, George Nelson ... 1921
*Gould, Charles Alfred ... 1912		cHadfield, Mary ... 1930
cGow, Ronald ... 1922		Hadfield, Stanley ... 1910
cGowland, Thomas Brown ... 1931		Hague, Harold ... 1902
cGowthorpe, Richard Cooper ... 1922		Hague, Sydney ... 1913
Graham, John ... 1900		cHai, Mohamed Abdel ... 1937
Graham, Margaret ... 1903		Haigh, Frederick Alwyn ... 1902
cGrainger, William Ivan John Robert ... 1929		cHailwood, Anthony James ... 1922
Grant, Alexander ... 1910		4Haler, Percy James ... 1901
cGrant, Florence Seafield, M.A.		cHalford, Brian ... 1928
(Mrs. Grimshaw) ... 1914		cHalkyard, Harold ... 1922
cGrant, John Kelly ... 1922		cHall, Christobel Mary, M.B., Ch.B.
cGray, Charles Herbert, M.B., Ch.B. ... 1929		(Mrs. B. A. Taylor) ... 1926
cGray, William, B.Com. ... 1922		
cGreaves, George Wilfred ... 1922		cHall, Doris Maud ... 1919
cGreen, Anne Owen ... 1926		cHall, Geoffrey Ecroyd ... 1919
cGreen, Eva Margery ... 1930		Hall, George Frederick ... 1912
Green, Francis John ... 1912		cHall, Leonard ... 1930
cGreen, Frank ... 1931		cHall, Leonard Edward ... 1926
cGreen, John Jabez ... 1923		cHall, Richard Laurence ... 1927
Green, John James ... 1892		Hall, Ruth (Mrs. Wrigley) ... 1910
cGreen, Moses ... 1928		Hall, Sydney ... 1906
cGreen, Samuel ... 1928		AHall, William ... 1897
cGreen, Samuel Sinclair ... 1931		cHallard, Beatrice Annie ... 1923
Greenall, Charles Edwin ... 1900		c5Hallsworth, Harry Mainwaring, M.A. ... 1901
cGreenbank, Rowland ... 1925		cHalpern, David ... 1933
cGreengrass, Mary Ethel		cHalson, Leonard ... 1922
(Mrs. H. E. Wood) ... 1905		cHalstead, Harry ... 1933
		Halstead, John Edward ... 1895

1 Head Master, Runcorn Secondary School.

2 Director of Education, Douglas, I.O.M.

3 Deputy Director of Education for City of Manchester.

4 Principal of Leyton Technical Institute, London.

5 Professor of Economics, Armstrong College, Newcastle-upon-Tyne.

\* Awarded M.C.

B.Sc.—continued.	Date of Degree	Date of Degree	
Hamer, Ernest Fenton ... ..	1900	Harvey-Jacobs, C. E. See Jacobs, C. E.	
cHamer, George Stanley ... ..	1926	cHarvey, John, Jun. ... ..	1922
<i>Hamor, Harry, M.B., Ch.B.</i> ... ..	1893	Harwood, Arnold James ... ..	1905
cHamer, Mary ... ..	1926	cHarwood, Stanley ... ..	1923
Hammerton, Jonas ... ..	1896	cHarwood, Vincent ... ..	1922
cHammond, George Grinshaw ... ..	1921	cHaslam, Cecil ... ..	1928
cHammond, Gladys Mary ... ..	1919	cHassall, Marion ... ..	1926
cHammond, Harold ... ..	1932	cHassan, Ali ... ..	1923
cHamnett, Frederick George, M.B., Ch.B.	1900	cHassan, Syed Sarwar ... ..	1930
cHampson, Charles Burnet ... ..	1916	Hatch, Herbert Andrew ... ..	1899
cHampson, Donald Chisnall ... ..	1921	Hatton, Arthur Barker ... ..	1914
cHampson, Ellen ... ..	1930	cHavekin, Thomas ... ..	1922
cHampson, Marie ... ..	1929	cHawkesworth, Stanley ... ..	1931
cHampson, Mary Elizabeth ... ..	1920	Hawksworth, Robert ... ..	1911
Hancock, Hilda ... ..	1913	cHaworth, Frank William ... ..	1926
cHancock, Mabel Moseley ... ..	1911	cHaworth, Harry Cecil ... ..	1922
cHancock, Sydney Thomas Ralph ... ..	1929	cHaworth, Mary ... ..	1920
cHand, Edith Marion (Mrs. Marks) ... ..	1922	cHaworth, Robert ... ..	1922
Hanlin, Mrs. T. S. See Cowley, Anna		cHayes, John Crossley ... ..	1932
cHann, Ethel Marion ... ..	1922	cHayes, Norman ... ..	1927
cHanna, Walter ... ..	1921	cHaynes, Edgar ... ..	1930
cHannah, Mrs. J. D. See Arthur, Esther M		Haynes, James Herbert ... ..	1896
cHannay, Ramsay John ... ..	1922	Hazlewood, John ... ..	1902
cHanson, Eric ... ..	1920	cHeadley, Hugh Bridgnall ... ..	1922
Hardaker, Walter Henry ... ..	1898	<i>Head, John Forster</i> ... ..	1897
Hardie, Violet Helen ... ..	1909	cHealey, Ernest Leslie ... ..	1921
cHardikar, Vithal Dattatraya ... ..	1921	<i>Hearp, James Henry</i> ... ..	1888
cHarding, Annie Kathleen ... ..	1923	Heap, William ... ..	1904
cHarding, Ethel ... ..	1920	Heath, Emily Charlotte (Mrs. Cunliffe) ... ..	1902
cHarding, Fred ... ..	1931	cHeath, Leslie Ernest ... ..	1928
cHardman, Alice ... ..	1932	cHeathcote, Francis William Lister ... ..	1922
cHardman, Herbert ... ..	1923	cHeaton, John ... ..	1923
cHardman, Sybil Mary (Mrs. A. J. Winkup) ... ..	1926	Hedley, Jane Elizabeth ... ..	1913
cHardwick, William Roscoe ... ..	1895	cHefford, George Winfield ... ..	1893
Hardy, Joseph ... ..	1904	Helliwell, Hamlet ... ..	1905
*Hardy, William Percy ... ..	1930	cHelm, John Hay ... ..	1921
*Hargreaves, Grainger Hope ... ..	1913	3Hemingway, Charles Stuart ... ..	1914
cHargreaves, Leslie Calverley ... ..	1927	cHemslay, Sydney Henrick ... ..	1923
cHargreaves, Lucy Eveline (Mrs. Aked) ... ..	1925	*Henderson, James Craig Mitchell ... ..	1916
cHarker, Frank ... ..	1922	Henry, Mrs. D. C. See Brewis, Grace M.	
*Harker, Howard Rodmayne ... ..	1913	Henshaw, Mrs. Lindley. See Yates, Edna M.	
cHarker, Katherine Nancie Helen, M.Sc.Tech.	1920	<i>Heptinstall, Richard</i> ... ..	1901
cHarkness, David ... ..	1932	<i>Herford, Siegfried Wedgwood</i> ... ..	1912
cHarper, Josiah ... ..	1916	cHerrod, Harold ... ..	1919
cHarris, Frank Charles Powell ... ..	1924	cHewison, Edna May ... ..	1924
cHarris, James Lyon ... ..	1923	<i>Hewitt, Herbert</i> ... ..	1914
cHarris, John Kendel ... ..	1931	Hewitt, Mrs. See Cussans, Margaret M	
cHarris, Wilfrid Herbert, M.B., Ch.B. ... ..	1926	cHewlett, Harold Bryning ... ..	1904
cHarrison, Audrey ... ..	1924	Hey, Frances Stringer ... ..	1913
Harrison, Cuthbert ... ..	1913	cHeyes, Elizabeth ... ..	1922
cHarrison, James ... ..	1916	cHeyes, Marion (Mrs. E. Bradley) ... ..	1923
<i>Harrison, Maud</i> ... ..	1901	cHeyes, Wallace ... ..	1925
cHarrison, Stanley Leonard ... ..	1932	Heywood, Mrs. See Pennington, Dorothy	
cHarrison, Stanley Taylor ... ..	1932	cHeywood, Edna ... ..	1930
cHart, Bessie ... ..	1924	cHeywood, William Simpole ... ..	1925
cHartill, Ethel ... ..	1930	Hickling, Mrs. G. See Geiler, Gertrud H.	
cHartley, Herbert Kent ... ..	1931	Hicks, George Winifred Adair ... ..	1913
cHartley, Kenneth ... ..	1926	cHicks, John Henry ... ..	1930
cHartley, Percival ... ..	1903	Hield, Mary Elsie ... ..	1900
cHartley, Thomas Stanley, M.Sc.Tech. ... ..	1925	cHiggin, Reginald ... ..	1921
c2Hartog, Philip Joseph, M.A. ... ..	1882	Higginbotham, Mrs. See Barnes, Mary	
Hartt, Mrs. R. See Hodges, Elizabeth		cHigham, Marion ... ..	1923
Harvey, Bertram Lionel ... ..	1909	Higson, Evelyn (Mrs. Percy Gerrard) ... ..	1913
Harvey, Edwin Josiah William ... ..	1897	Hill, Mrs. Edward. See Stewart, Charlotte M.	
		cHill, Frank ... ..	1924
		Hill, Harry ... ..	1909
		cHill, Herbert ... ..	1915

1 Professor of Bio-Chemistry, London School of Hygiene and Tropical Medicine, University of London.

2 Formerly Vice-Chancellor of the University of Dacca, Bengal, India; K.B.E.

3 Head Master, Hurst Park Modern School, Ashington, Northumberland.

\* Awarded M.C.

† Awarded Belgian Croix de Guerre.

B.Sc.—continued.

	Date of Degree
Hull, James Samuel ... ..	1907
cHillary, Hubert Cawood ... ..	1925
William, George ... ..	1899
cHilton, Gertrude Alice ... ..	1925
Hinchliffe, Mrs. George.	
<i>See</i> Rideal, Margaret	
Hinchliffe, George Herbert ... ..	1910
cHindle, Annice ... ..	1919
cHindle, Harold ... ..	1921
cHindle, John Geoffrey Maurice ... ..	1926
cHindle, William Burston ... ..	1929
cHindley, Harry Rastron ... ..	1933
cHindshaw, Dorothy ... ..	1929
cHinton, Arthur Gerald ... ..	1901
Hirst, Henry Reginald ... ..	1895
cHirst, Lillian Constance Vane	
<i>(Mrs. Charles Simpson)</i>	1921
Hitchens, Ernest ... ..	1905
cHitchens, Ethel May ... ..	1931
cHitching, Wilfrid Wallace ... ..	1915
Hobart, John William ... ..	1896
Hobley, Robert Arthur ... ..	1898
cHobson, Jack Abbott ... ..	1931
acHodges, Elizabeth (Mrs. Richard Hartt)	1895
cHodgetts, Mary ... ..	1922
cHodgkin, Ernest Pease ... ..	1930
Hodgkin, Mrs. E. P.	
<i>See</i> McKerrow, Mary C.	
cHodgson, Warris ... ..	1929
cHodkinson, Arthur ... ..	1923
cHodson, John Darlington ... ..	1925
cHoggins, Horace ... ..	1926
Holden, Charles ... ..	1903
Holden, Daisy Alice (Mrs. Bradshaw)	1921
cHolden, George Atkinson ... ..	1906
Holden, Laurence Brockett ... ..	1912
Holden, Legh ... ..	1908
cHolden, William Frederick ... ..	1928
cHolder, Mary Eileen (Mrs. B. P. Wood)	1922
Holland, Charles Cheadle ... ..	1913
cHollingworth, Francis Vernon ... ..	1916
Hollinrake, Foster ... ..	1908
Holmes, Richard Clive ... ..	1913
Holt, Herbert ... ..	1912
Holt, Tom ... ..	1913
*Holton, Alfred Edward ... ..	1916
Hookham, Felix John ... ..	1914
cHooper, Olive Octavia ... ..	1899
Hooton, William Marrs ... ..	1895
Hope, Geoffrey Dodleston ... ..	1903
cHope, Thomas ... ..	1923
cHopkins, Harold ... ..	1921
cHopkinson, Jessie ... ..	1925
cHopwood, Alice ... ..	1931
cHopwood, Samuel ... ..	1922
cHornbrook, Patricia Wyatt ... ..	1933
cHornby, Clara ... ..	1918
cHornby, Mavis ... ..	1933
cHornby, Thomas Baldwin ... ..	1900
cHorner, John Wood ... ..	1922
Horowitz, Phineas ... ..	1909
cHorrex, Charles ... ..	1933
cHorrobin, Sadie ... ..	1920
cHorrocks, Alfred ... ..	1924
cHorrocks, Harry ... ..	1933
cHorrocks, John ... ..	1923
cHorrocks, Joseph Barnes ... ..	1922
cHorstall, John Thorpe ... ..	1920
cHorton-Smith, Clifford ... ..	1931
cHotton, Donovan Holmes ... ..	1922
Houl, Wilfred ... ..	1902
cHousley, Alfred ... ..	1931
Howard, George ... ..	1906

	Date of Degree
cHoward, John Stanley ... ..	1932
Howard, Mrs. Rupert. <i>See</i> Booth, Mary	
cHowarth, Arthur ... ..	1930
cHowarth, Hilda ... ..	1928
cHowarth, Leslie ... ..	1931
cHowarth, Robert ... ..	1926
cHowarth, Robert ... ..	1929
cHowgate, Eric ... ..	1932
Howles, Miriam (Lady Garnsey) ... ..	1910
*Howorth, George Eric ... ..	1909
Hoyle, Arthur William ... ..	1908
Hoyle, David ... ..	1906
cHoyle, John Whittaker ... ..	1933
cHoyle, Rachel ... ..	1929
Hubback, George Clay ... ..	1902
cHubbard, Harold ... ..	1932
Hubbard, Norman Frederick Septimus	1910
cHudson, Frank, M.Sc.Tech. ... ..	1916
<i>Hudson, Robert Denis</i> ... ..	1915
cHufton, Philip Arthur ... ..	1933
cHughes, Arthur ... ..	1924
Hughes, Benjamin ... ..	1908
cHughes, Eileen Mary ... ..	1931
cHughes, Ernest ... ..	1931
Hughes, Frederic Selby ... ..	1895
Hughes, Mrs. I. M. <i>See</i> Cropper, Nellie	
cHughes, Marjorie Eileen ... ..	1931
cHughes, Percy Wilkinson ... ..	1924
Hughes, William Arthur ... ..	1903
cHughes, William Gerald Hugh,	
M.B., Ch.B.	1927
cHughes, William John ... ..	1922
cHullah, Stanley ... ..	1930
cHulse, Evelyn (Mrs. T. P. Spencer) ... ..	1916
cHulse, Thomas Leslie ... ..	1921
Hummel, Alfred Roland Ure ... ..	1901
Hummel, Ernest Lonsdale ... ..	1903
Humphreys, Gwendolen ... ..	1919
Hunt, Francis William ... ..	1900
†Hunt, Geoffrey Howard ... ..	1913
cHunt, George Arthur ... ..	1933
cHunt, George Edward Draper ... ..	1920
cHunt, Owen Duke ... ..	1922
cHunt, William Geoffrey ... ..	1925
Hunter, Herbert ... ..	1903
Hunter, Holiday Leycester ... ..	1905
cHuntingdon, William ... ..	1933
cHurst, Charles Christopher ... ..	1929
cHurst, John ... ..	1932
cHurt, Arnold Herbert ... ..	1924
cHuss, Percy Desmond Francis Tweedie	1931
cHutchinson, Florrie ... ..	1903
Hutchinson, Maurice Seymour ... ..	1910
cHutton, Thomas Edward ... ..	1926
cHuxley, Frances Mabel, M.D.	
<i>(Mrs. H. de C. Falle)</i>	1905
aHyde, Ellis ... ..	1894
cHyde, Florence ... ..	1923
Hyde, Frank King ... ..	1897
cHyde, Gilbert Waters ... ..	1922
Hyslop, Margaret (Mrs. Simpson) ... ..	1913
Ibberson, Mrs. A. V. <i>See</i> Gill, Anne	
cillingworth, James William ... ..	1933
cIngham, Albert Arthur ... ..	1931
cIngham, Kathleen Annie ... ..	1919
Ingham, William ... ..	1910
cIngle, Harry ... ..	1891
cIngman, Arthur Leslie ... ..	1931
Ingouville, Peter ... ..	1903
cIsherwood, Cyril, M.Sc.Tech. ... ..	1927
Isherwood, James Grime ... ..	1903
Isle, William Collinson ... ..	1902

\* Awarded M.C.

† Mentioned in Despatches.

B.Sc.— continued.	Date of Degree	Date of Degree
cIyengar, Seringapatam Venkataramiengar Ganda	1930	
Ac Jackson, Alfred Henry ... ..	1882	
c Jackson, Arthur ... ..	1899	
c Jackson, Charles William ... ..	1924	
c Jackson, Deborah ... ..	1931	
c Jackson, Eric Robert Buckley ... ..	1932	
c Jackson, Frank ... ..	1916	
c Jackson, Frank ... ..	1924	
c Jackson, Harold ... ..	1913	
c Jackson, Hugo Harrison ... ..	1911	
c Jackson, John Fabian Brundley ... ..	1933	
c Jackson, John William ... ..	1923	
c Jackson, Mrs. J. See Yates, Doris E.		
c Jackson, Mabel Alice ... ..	1917	
c Jackson, Mary (Mrs. H. H. Lister)	1904	
c Jackson, Muriel ... ..	1921	
c Jackson, Robert ... ..	1929	
c Jackson, Roland ... ..	1930	
c Jackson, Samuel Chantler ... ..	1922	
c Jackson, Sylvia Margaret Cleland ... ..	1930	
c Jackson, Thomas ... ..	1928	
c Jackson, William ... ..	1921	
c Jacobs, Charles Ernest ... ..	1905	
c Jadhava, Anandrao Khasherao ... ..	1915	
c Jaggard, Mrs. Harold.		
See Boulsover, Esther A.		
c Jagger, Ernest ... ..	1926	
c Jagger, John Greenwood ... ..	1929	
c Jagus, Jijibhoj Sorabji ... ..	1930	
c Janus, Fred ... ..	1931	
c Janus, Oscar ... ..	1931	
c Jardine, Douglas Kennedy ... ..	1900	
c Jarrett, Percy ... ..	1901	
c Jeans, Violet Woodyatt ... ..	1920	
c Jenkins, Doreen Ida ... ..	1933	
c Jenkins, Richard Owen ... ..	1904	
c Jennett, Stanley ... ..	1926	
c Jennings, John ... ..	1923	
c Jennings, John William ... ..	1930	
c Jessop, Edgar Ernest ... ..	1931	
c Johnson, Beatrice Eugenie ... ..	1928	
c Johnson, Eileen Molly ... ..	1932	
c Johnson, Ethel Muriel ... ..	1933	
c Johnson, Harold Carruthers ... ..	1910	
a Johnson, Hewlett ... ..	1894	
c Johnson, Irvine Willis ... ..	1914	
c Johnson, John William Haigh ... ..	1896	
c Johnson, Norman Miller ... ..	1909	
c Johnson, Ralph Spencer ... ..	1925	
c Johnson, Richard Balderstone ... ..	1922	
c Johnson, Samuel Herbert ... ..	1923	
c Johnson, Sydney Goode ... ..	1912	
c Johnson, William Prescott ... ..	1910	
c Johnston, Marjorie Doreen ... ..	1924	
c Jolly, Frank Houghton ... ..	1912	
c Jolly, Herbert ... ..	1913	
c Jona, Leslie ... ..	1900	
a Jones, Alfred ... ..	1901	
c Jones, Arthur ... ..	1932	
c Jones, Benjamin Paul, M.Ed. ... ..	1922	
c Jones, Brian Wheatley ... ..	1922	
c Jones, Charles ... ..	1928	
* Jones, Cyril Ernest Turner ... ..	1914	
c Jones, Edward Alexander		
(now E. A. Paterson-Jones)		1930
c Jones, Evelyn Gwynne ... ..	1907	
c Jones, Frank Marsingale ... ..	1909	
a Jones, John Harvey ... ..	1906	
c Jones, Kate ... ..	1906	
c Jones, Leonard ... ..	1922	
c Jones, Maldwyn ... ..	1926	
c Jones, Mary Eunice ... ..	1931	
c Jones, Myfanwy ... ..	1928	
c Jones, Philip Arthur ... ..	1926	
c Jones, Richard Norman ... ..	1933	
c Jones, Thomas Herbert, M.Sc.Tech. ... ..	1914	
c Jones, Thomas Maitland, M.A.		
(now Thomas Gwynne Maitland)		1901
c Jones, Wilfred Edmondson ... ..	1921	
c Jones, William ... ..	1901	
c Jones, William Charles ... ..	1922	
a Jordan, Rose Frances ... ..	1901	
c Judson, Raymond, M.B., Ch.B. ... ..	1930	
c Julian, William Henry ... ..	1915	
c Jump, Bessie ... ..	1922	
c Jump, Leonard Barlow ... ..	1918	
c Jung, Masudullah Sarbuland ... ..	1923	
c Jureidini, Geoffrey Rhodes		
(now Geoffrey Rhodes Rhodes)		1932
Kahan, Zelda ... ..	1903	
c Kain, Arthur ... ..	1902	
c Kamberian, Adrine Arsine ... ..	1932	
c Kasz, Frank ... ..	1932	
c Kay, Colin Lowther		
c Kay, Douglas John ... ..	1904	
c Kay, Esther ... ..	1920	
c Kay, Fred ... ..	1922	
c Kay, John Bertram		
c Kaye, Edward Thornton ... ..	1910	
c Kaye, Harry ... ..	1926	
c Kaye, Madge, M.Sc.Tech. ... ..	1920	
c Keenan, James ... ..	1918	
c Keenan, James		1931
Kehrmann, Jessel		
(now Jessel Crawford-Kehrmann)		1911
c Keighley, Gilbert ... ..	1929	
c Kelkar, Gopal Rao ... ..	1928	
3 Kellett, Ernest ... ..	1893	
c Kelly, Mrs. Hubert. See Riley, Sheila		
c Kelly, John Francis ... ..	1924	
c Kelly, John Philip ... ..	1916	
† Kelly, Robert Ernest, M.B., Ch.B. ... ..	1899	
c Kelly, Simon, M.B., Ch.B. ... ..	1917	
c Kelly, Stanley Horace Llewellyn ... ..	1922	
c Kelly, Thomas Joseph ... ..	1912	
c Kemp, Paul ... ..	1899	
c Kendall, Doris Mary ... ..	1924	
c Kendall, Amelia Ruth ... ..	1929	
c Kennedy, Alan Robert, M.B., Ch.B. ... ..	1930	
c Kennedy, Kenneth Ronald ... ..	1932	
c Kenyon, Alec Lomax, M.B., Ch.B. ... ..	1927	
c Kenyon, Doris ... ..	1923	
c Kenyon, Francis ... ..	1925	
c Kenyon, George ... ..	1921	
c Kenyon, George Henry, Junior ... ..	1932	
c Kenyon, James ... ..	1912	
c Kenyon, James Douglas, M.B., Ch.B. ... ..	1913	
c Kenyon, Nora ... ..	1922	
c Kenyon, Percy Smith ... ..	1898	
c Ker, Andrew Martin ... ..	1893	
c Kershaw, Ethel ... ..	1907	
c Kershaw, Grace Vera ... ..	1932	
c Kershaw, James Wilfred ... ..	1925	
c Kershaw, Leslie Ray ... ..	1933	
c Kershaw, Thomas ... ..	1922	
c Keys, Stanley ... ..	1925	
c Khan, Khwaja Mohammed Nematullah ... ..	1926	
c Khan, Mohamed Abdul Kayyum ... ..	1926	
c Khan, Mohamed Ghouse Dad ... ..	1933	

1 Head Master, Carlton Street Boys' Secondary School, Bradford, Yorks.

2 Dean of Canterbury.

3 Head Master, Tootal Road Central School for Boys, Salford.

\* Awarded M.C.

† C.B.

B.Sc.—continued.

B.Sc.—continued.	Date of Degree	Date of Degree	
cKhan, Sadiq Ali ... ..	1933	cLee, Szih-chung ... ..	1918
cKhosla, Ram Nath ... ..	1930	cLee, Thorold Dracup ... ..	1902
cKillingbeck, Eric ... ..	1911	cLeese, Walter Alfred Gill ... ..	1931
King, Arthur ... ..	1896	cLeech, Harry Rowland... ..	1925
King, Edward William ... ..	1911	Leech, Jane ... ..	1903
cKing, Harry ... ..	1921	Lees, Frank ... ..	1913
cKing, Henry ... ..	1933	cLees, George ... ..	1930
cKing, Jeffrey William Hitchen ... ..	1927	cLeese, Jessie ... ..	1928
King, William ... ..	1899	cLeese, Wilfred ... ..	1922
Kippax, James ... ..	1912	cLeicester, Dorothy ... ..	1919
cKirkman, Thomas ... ..	1927	cLeicester, Thomas Billington ... ..	1915
cKirkpatrick, Donald ... ..	1922	cLeigh, Adamson Lennox ... ..	1899
cKirsop, Kathleen Pearson ... ..	1923	cLeigh, Thomas Bowes... ..	1885
Kitchin, Jonathan ... ..	1895	Leigh, William Booth ... ..	1913
cKitchin, Walter ... ..	1922	Leighton, Arthur ... ..	1904
cKitching, Lillian Becky ... ..	1927	cLe Mare, Ernest Bristow ... ..	1901
Kitto, Thomas Edward ... ..	1914	cLeon, Israel Solomon ... ..	1933
cKnight, Albert Mayne ... ..	1927	Lester, Edward Claude... ..	1899
cKnight, Henry de Boyne ... ..	1922	Lever, Darcy ... ..	1906
Knight, John Arthur ... ..	1898	cLever, Margaret ... ..	1925
cKniveton, Raymond ... ..	1931	cLever, Victor ... ..	1922
Knott, Alaa Gordon ... ..	1912	cLévy, Emile André ... ..	1921
Knowles, Percy ... ..	1914	cLevy, Isidor ... ..	1924
Knowles, Wilfred ... ..	1902	cLevy, Samuel ... ..	1933
cKulapongse, Wongse ... ..	1924	cLewis, Wilfred James ... ..	1917
Kyfin, Annie (Mrs. G. I. Wagstaff) ... ..	1912	cLewney, George Graham ... ..	1919
		cLewtas, George Selby ... ..	1927
		cLibbey, Hubert Cornelius ... ..	1900
cLaidler, Marjorie ... ..	1921	cLiddington, Ronald ... ..	1933
cLaing, James Niven, LL.B., M.B., Ch.B. ... ..	1901	cLimcharoen, Honghee ... ..	1925
cLaithwaite, John ... ..	1895	cLimcharoen, Hongsien ... ..	1928
cLamplough, Bessie ... ..	1922	cLindsey, Gilbert ... ..	1915
cLang, Cecilia Hilda ... ..	1933	cLinnell, Louis ... ..	1932
cLangley, Frank Foster ... ..	1926	cLinnell, Maurice ... ..	1930
Langstaff, Bilton ... ..	1903	Liptrot, Richard ... ..	1910
Langstreth, Edmund ... ..	1909	cLisle, Minnie Ida (Mrs. R. P. Gadd) ... ..	1906
cLanigan, George Ernest, M.Sc.Tech. ... ..	1922	Lister, Henry Hains ... ..	1901
cLansdell, Arthur Norman ... ..	1916	Lister, Mrs. H. H. See Jackson, Mary ... ..	1926
Lantsberry, George Edward Hyatt ... ..	1911	cLister, Marian ... ..	1932
Lantsberry, Walter Caleb ... ..	1914	Littler, Mrs. See Eekersley, Ida M. ... ..	1926
Larkman, Raymond ... ..	1912	cLittler, Nellie ... ..	1926
cLatham, John ... ..	1923	cLivesey, Charles Edwin Leonard ... ..	1901
Law, Arthur ... ..	1899	cLivesey, Ellis ... ..	1925
cLaw, David Allan ... ..	1921	cLivesey, Frank, M.B., Ch.B. ... ..	1928
cLaw, Gertrude (Mrs. Geoffrey Bramall) ... ..	1922	cLloyd, Edward ... ..	1895
Law, Harold ... ..	1900	Lloyd, George Moss, M.A. ... ..	1896
cLaw, Sydney ... ..	1924	Lloyd, John Barrow ... ..	1900
cLaw-Wright, Hubert ... ..	1932	cLloyd, Nancy Lelia ... ..	1928
cLawrie, William Burton ... ..	1933	Lodge, Harry Livingstou ... ..	1901
cLawson, Dennis Illingworth... ..	1932	Lomas, Harold ... ..	1895
cLawson, Harold Wood ... ..	1915	Lomas, Leslie Hall ... ..	1913
cLawson, Hilda Florence ... ..	1920	cLomax, William Ernest ... ..	1928
Laycock, Benjamin ... ..	1907	cLong, David Stables ... ..	1919
cLaycock, Kenneth ... ..	1920	Long, William Laurence ... ..	1910
cLaytham, Albert James ... ..	1931	cLongbottom, Harry ... ..	1928
cLea, Doris Martha ... ..	1916	Longdon, Alfred Eglesfield ... ..	1884
cLea, James Edward ... ..	1894	cLongworth, Maurice ... ..	1925
cLea, Jeffrey Tunstall ... ..	1924	cLooker, George Henry ... ..	1903
Leach, Elsie (Mrs. Guthrie) ... ..	1898	cLord, John William ... ..	1897
Leach, Gertrude Rachel (Mrs. A. E. Thompson) ... ..	1909	cLord, Percy ... ..	1925
cLeach, Harold Taylor ... ..	1922	Loveday, Charles Norton ... ..	1910
Leach, Herbert ... ..	1904	cLowe, Arthur ... ..	1933
cLeach, Winifred Germaine ... ..	1929	cLowe, Leonard Thornton ... ..	1921
cLean, Owen Bevan ... ..	1923	cLowe, Sarah Hannah ... ..	1898
cLecomber, Leslie Vincent ... ..	1923	Lowe, William Henry ... ..	1912
Lee, Ada ... ..	1907	cLowther, Harold ... ..	1930
cLee, Bessie (Mrs. Coutts) ... ..	1920	cLuckman, Frank ... ..	1924
cLee, Fu Ching ... ..	1924	cLunn, Henry Pontefract ... ..	1900
Lee, Haydn ... ..	1903	cLuxton, Reginald William, M.D. ... ..	1926
Lee, John Sandiford ... ..	1909	Lyon, Julius Henry ... ..	1894
cLee, Robert Marr ... ..	1927	cLyon, Millicent Edith ... ..	1926
		cLyon, Nancy Isabel ... ..	1930

1 County Court Judge on the Manchester Circuit.

2 Head Master, Yardley Secondary School, Birmingham.

\* Awarded Croix de Guerre.



B.Sc.—continued.	Date of Degree	Date of Degree	
cLyons, Lawrence ... ..	1925	Marsden, Ernest Vane ... ..	1897
cLyons, Winifred Muriel (Mrs. F. G. N. Polkinhorne)	1928	cMarsden, George ... ..	1922
c*Macalpine, Francis Geoffrey ... ..	1918	Marsden, Herbert ... ..	1905
Macaulay, Mrs. See Buckle, Helen		Marsden, Herbert ... ..	1909
cMcCall, John Neil ... ..	1913	cMarsden, Herbert ... ..	1923
cMcCall, Walter Bleasdale ... ..	1915	cMarsden, Leonard ... ..	1929
McCann, Hugh Cameron ... ..	1905	cMarsden, Margaret Forsythe (Mrs. Yates)	1929
cMcClement, William Edward ... ..	1927	Marsden, Richard Walter, M.D. ... ..	1887
cMacColl, Hugh Alexander ... ..	1927	Marsden, Mrs. See Cropper, Jennie H.	
McConechy, Fergus Malcolm Graerne ... ..	1912	cMarsh, Beatrice Mary ... ..	1927
McCrae, Mrs. J. See Bruce, Mary W.		cMarsh, Cecil Walpole ... ..	1898
McCurich, Laurence Oliphant ... ..	1909	cMarsh, Herbert ... ..	1922
cMacdonald, Cyril James ... ..	1927	Marsh, Mrs. T. See Walker, Cicely M. H.	
Macdonald, William Kean ... ..	1914	cMarsh, Willan Ewart ... ..	1922
cMcDougall, Edith Jean ... ..	1930	cMarshall, Charles William ... ..	1929
acMcDougall, Robert ... ..	1891	cMarshall, Cyril ... ..	1923
cMcGlone, Walter ... ..	1933	cMarshall, Frances Mary ... ..	1924
cMcGuffie, Sheila Emmet ... ..	1932	cMarshall, Frederic Nugent, M.D. ... ..	1926
acMcHovat, Annie (Mrs. Fraire) ... ..	1901	Marshall, Herbert ... ..	1902
McIntyre, Charles Campbell ... ..	1905	cMarshall, John ... ..	1924
cMackereth, John ... ..	1924	Marshall, Joseph ... ..	1904
cMcKerrow, Mary Constance (Mrs. E. P. Hodgkin)	1930	cMarshall, Joseph William ... ..	1898
cMackintosh, Elsie ... ..	1926	cMarshall, Winifred Vera ... ..	1930
cMcLellan, Andrew George ... ..	1927	cMarshall, Winston Leslie	1927
McLellan, James ... ..	1903	Marston, Eric ... ..	1914
cMacLennan, Annabella ... ..	1932	cMartin, Annie Ogilvie ... ..	1923
cMcLeod, Geoffrey ... ..	1930	Martin, Arthur Edward Colston ... ..	1904
McLeod, Hugh ... ..	1910	cMartin, Ernest ... ..	1920
cMcMillen, Ernest Henry ... ..	1929	Martin, Ethel Mary ... ..	1901
McNair, Lawrence Crawford ... ..	1897	cMartin, Thomas Murray ... ..	1933
McPherson, John ... ..	1904	cMartin, William Ernest ... ..	1918
McWilliam, Allan Stewart ... ..	1912	Martin, Mrs. See Williamson, Amy	
Madden, William Henry ... ..	1908	cMartindale, Hugh ... ..	1931
cMagee, John ... ..	1931	cMartyn, William Lawrence Docton	1924
cMaguire, Catherine Anne ... ..	1930	cMason, Annie ... ..	1933
Maguire, Harry ... ..	1906	Mason, Horace George ... ..	1909
cMain, Margaret Louise ... ..	1920	cMason, Mary Constance ... ..	1931
Mainprice, Geoffrey Dennis ... ..	1905	cMassey, Donald Percival ... ..	1927
cMaitland, Hector Charles ... ..	1929	acMassey, Harold Fletcher ... ..	1892
Maitland, T. Gwynne. See Jones, T. M.		cMassey, James Lomax ... ..	1926
cMaitra, Monomohan ... ..	1925	cMasterson, Edward Charles ... ..	1920
cMaizels, Gerald, M.B., Ch.B. ... ..	1928	cMather, Arnold ... ..	1931
cMajeed, Sheikh Abdul ... ..	1929	Mather, Ernest ... ..	1906
cMakin, Ednie Robinson Lamb ... ..	1930	cMather, Kenneth ... ..	1931
cMakin, John ... ..	1922	cMathews, Norman Leslie ... ..	1923
cMalan, Henry Lawrence ... ..	1920	Mathews, George ... ..	1911
cManekshaw, Jan Hormusjie ... ..	1929	cMatthews, Gertrude Evelyn ... ..	1916
cManley, Goidon ... ..	1921	cMatthews, Norman ... ..	1933
Mann, Ernest Edwin ... ..	1900	cMattinson, Edward Hugh ... ..	1929
cMann, George Thomas ... ..	1922	Maudsley, Frank ... ..	1902
Mann, John Carl, M.B., Ch.B. ... ..	1899	Maudsley, Richard Thompson ... ..	1896
cManning, Frederick John ... ..	1926	cMaxwell, Arnold Ashby ... ..	1898
Mannings, Richard Arnold ... ..	1900	cMaxwell, George Burton ... ..	1922
cManson, James Herbert ... ..	1924	cMayer, John ... ..	1924
cManson, John ... ..	1921	cMayoh, Wilfred ... ..	1922
cMarchington, Harold Edwin ... ..	1925	cMeadley, John Cowan ... ..	1927
cMarginson, Charles Carr ... ..	1928	cMeadows, Alan ... ..	1928
acMark, Harry Thiselton, M. Ed. ... ..	1898	cMellers, Charles Edward ... ..	1931
Marks, Mrs. See Hand, Edith M.		cMelling, Annie ... ..	1924
cMarkwick, Alfred Herbert Dorleincourt	1924	cMelling, Clifford ... ..	1925
cMarland, Emily May ... ..	1925	cMellor, Maggie Astbury ... ..	1913
cMarland, Robert Newton ... ..	1927	cMelrose, Edwin Malcolm ... ..	1927
Marples, Percy Morris ... ..	1897	cMennell, Frank ... ..	1925
cMarquis, Frederick James, M.A. ... ..	1906	Mercer, James ... ..	1903
cMarriott, Walter Edward ... ..	1930	Mercer, Jenny ... ..	1913
cMarsden, Alice May (Mrs. H. L. Penney)	1917	cMerchant, Alan Naylor ... ..	1932
Marsden, Charles Arthur ... ..	1913	Merchant, Frederick Ernest ... ..	1901
		Merrick, James ... ..	1908
		cMeswani, Vasanji Mulchand ... ..	1924

\* Deputy Treasurer of the University.

\* Mentioned in Despatches.

† Awarded M.C.

B.Sc.—continued.

	Date of Degree		Date of Degree
cMetcalfe, Marjorie Ethel ... ..	1931	cMorris, Joseph Chappell, M.B., Ch.B. ...	1930
cMetcalfe, Percival Ignatius Howe ...	1923	Morris, Tom Dutton ... ..	1909
Meyer, James Holford ... ..	1910	cMorrison, Ellen Isabella	
<i>Mtall, Laurence</i> ... ..	1897	(Mrs. K. K. Wood)	1926
cMiddleton, Arnold ... ..	1923	cMorrison, James Latto ... ..	1931
cMiller, John Poynter ... ..	1886	cMorrison, John ... ..	1921
c <sup>1</sup> Miller, Mary Eynon ... ..	1926	cMortimer, Clifford Hiley ... ..	1932
cMiller, May ... ..	1919	Mortimer, Fannie (Mrs. Roberts) ...	1912
<i>Millers, John Townley</i> ... ..	1909	Morton, Dora ... ..	1903
Milligan, John Lloyd ... ..	1903	cMorton, Percy Frederick ... ..	1929
cMills, Bernard ... ..	1917	cMosallam, Sayed ... ..	1926
cMills, Clifford McKenzie ... ..	1926	cMoss, Phyllis (Mrs. John Nuttall) ...	1926
cMills, Ernest Leslie ... ..	1923	cMoss, Thomas ... ..	1916
cMills, Ethel ... ..	1923	cMoss, William Henry ... ..	1922
cMills, Ida Elfrida Joyce ... ..	1924	<i>Mottram, Alec</i> ... ..	1924
cMills, James Roland ... ..	1924	cMount, Ernest Edward ... ..	1916
cMills, Stephen George ... ..	1922	cMoyle, John Percival ... ..	1927
cMilne, James ... ..	1904	Moys, Herbert ... ..	1897
cMilne, Philip Sidney ... ..	1931	Mucklow, Mrs. S. L.	
Miner, John Edward ... ..	1894	See Groves, Alexandra W.	
cMilward, William Edward Arnold ...	1922	cMullineaux, Florence ... ..	1931
cMitchell, Alfred Harvey ... ..	1933	cMunl, Nai ... ..	1916
cMitchell, James Frederick ... ..	1920	Murphy, Harold Newton ... ..	1903
c <sup>2</sup> Mitchell, Marian Elaine ... ..	1917	Murray, Mrs. A. V. See Seares, Winifred	
<i>Mitchell, Willy</i> ... ..	1907	cMurray, Bethia ... ..	1922
cMockler, George Stainbank ... ..	1921	cMurray, Gerald ... ..	1933
cMoffatt, Allen Brookes, M.B., Ch.B. ...	1926	cMurray, Jean Marianne ... ..	1933
cMoffatt, John ... ..	1931	cMurray, Norbert ... ..	1932
<i>Moffet, John Leeson</i> ... ..	1910	Mutch, Clement Hollinshead ... ..	1911
cMoffett, Geoffrey Leicester ... ..	1933	Mutch, George ... ..	1914
cMohammed, Shaikh Gulzar ... ..	1932	Myers, France ... ..	1902
<i>Morr, William</i> ... ..	1908	cMyers, Harold ... ..	1924
Moncrieff, Andrew Mason ... ..	1913	cMyers, William ... ..	1921
cMoncrieff, Robert Wigton ... ..	1923	Myers, Mrs. W. See Tunncliffe, Lilian	
cMone, Vishnu Trimbak ... ..	1933		
Monk, James Edmondson ... ..	1894	cNagpaul, Nihal Singh ... ..	1927
<i>Monks, Beryl</i> ... ..	1926	Nanson, Musard Roper-Curzon ... ..	1903
Montford, Ivan Claude ... ..	1916	cNarayana, Kotagiri Peda Satya	
Montgomery, John Knowles ... ..	1892	(now K. P. Satyanarayana) ...	1931
Montgomery, Walter Ernest ... ..	1911	cNash, Margaret Isabel ... ..	1927
cMoon, Derrick Ivor Barrington ... ..	1928	Nash-Gower, V. H.	
cMoon, Frederick Henry ... ..	1933	See Nishigawa, V. H. S.	
Moore, Arthur ... ..	1911	cNatt, Lawrence Robert ... ..	1933
cMoore, Clifford ... ..	1927	cNatrass, Henry ... ..	1922
cMoore, Dorothy ... ..	1916	cNatrass, John Elliott ... ..	1925
Moore, Mrs. E. J. See Egli, Minnie		cNawaz-Jung, Faridoun Sohrab ... ..	1917
Moore, Fred ... ..	1911	Naylor, Alice ... ..	1903
cMoore, Henry Godfrey ... ..	1924	Naylor, Hannah ... ..	1908
cMoore, James Herbert ... ..	1897	Naylor, Tom ... ..	1903
cMoore, John Rider ... ..	1933	cNedderman, Arthur ... ..	1922
cMoore, Mary ... ..	1914	cNedham, Edward Rushton ... ..	1901
cMoore, Mary ... ..	1931	ac <sup>3</sup> Needham, Richard Arthur, M.D. ...	1897
cMoore, Ronald Leslie, M.Sc.Tech. ...	1930	Nelson, Walter Ruthven ... ..	1908
Moorfield, Bertha Mima		c <sup>4</sup> Neville, Margaret Mary Constance ...	1926
(Mrs. A. J. Norris)	1907	acNewbold, Augustus Scotcher ... ..	1912
Moran, Florence ... ..	1906	Newsham, Mrs. E. V.	
Moran, Margaret Elizabeth		See Cocks, Gertrude F.	
(Mrs. E. P. Thomas)	1906		
<i>Morlon, Joseph, M.D.</i> ... ..	1895	cNewton, Percy ... ..	1921
cMorgan, Edward ... ..	1925	cNewton, William Stewart ... ..	1928
<i>Morgan, Frederick John</i> ... ..	1901	Nichol, John Oswald ... ..	1899
cMorgan, Olive Irene ... ..	1924	cNicholas, Jack Lawton ... ..	1928
cMorgans, David Leslie ... ..	1929	Nicholls, Percy ... ..	1891
cMorland, Christopher Choat ... ..	1922	cNichols, Katherine Sibella ... ..	1930
cMorrey, Dora ... ..	1925	cNicholson, Jack ... ..	1933
cMorris, Florence Annie ... ..	1902	cNicholson, John Stanley ... ..	1923
cMorris, Francis Montague Staples ...	1931	cNicholson, William Alan Butler,	
†Morris, Frank Mosedale ... ..	1910	M.B., Ch.B.	1929
cMorris, John Colin ... ..	1924	cNicks, William Anthony ... ..	1923
		cNickson, Frank ... ..	1922

1 General Manager, Great Western Railway; C.S.I.

2 Head Mistress, Chatham County School for Girls.

3 Assistant Director of the Indian Medical Service; Mentioned in Despatches (three times); Kt.

4 Head Mistress, Redhill School, Wrington, near Bristol.

\* Honours Student awarded Ordinary Degree on grounds of ill-health.

† Mentioned in Despatches.

‡ C.I.E.

§ Awarded D.S.O.

## B.Sc.—continued.

	Date of Degree
cNidd, John Arthur Parkinson ... ..	1921
Nidd, Mrs. J. A. P. <i>See</i> Pearson, Marjorie	
cNield, Leslie Camden ... ..	1933
cNightingale, Florence (Mrs. Bernard Cavanagh) ... ..	1928
cNightingale, Thomas Marginson ... ..	1896
Nishigawa, Victor Henry Seishin (now V. H. Nash-Gower) ... ..	1914
cNixon, Frank ... ..	1926
cNixon, William Gibson Craig ... ..	1898
cNoble, Herbert ... ..	1927
cNockolds, Stephen Robert ... ..	1929
cNoden, William Leslie ... ..	1928
cNop, Nai ... ..	1921
Norcross, Arthur ... ..	1913
Norcross, Thomas ... ..	1911
cNorman, William James ... ..	1922
cNorquoy, Frederick ... ..	1901
Norris, Mrs. A. J. <i>See</i> Moorfield, Bertha M.	
Norris, Dorothy ... ..	1908
cNorris, Edwin Thomas ... ..	1926
Norris, Mrs. <i>See</i> Harrop, Dorothy	
cNunn, Richard Edward ... ..	1913
cNuttall, Annie ... ..	1926
Nuttall, Edwin James ... ..	1894
Nuttall, Mrs. John. <i>See</i> Moss, Phyllis	
cNutter, Mary Winifred ... ..	1924
Oates, James Holroyd ... ..	1902
O'Brien, Henry Eoghan ... ..	1898
O'Callaghan, C. J. <i>See</i> Callaghan, C. J.	
cOgleshaw, Sidney ... ..	1932
cO'Connor, Ita Eileen ... ..	1929
Oddy, Annie Maude ... ..	1900
Oddy, James ... ..	1897
cOgden, Horace Chadwick ... ..	1923
cOgden, James Albert ... ..	1922
cOgden, Joyce ... ..	1933
cOgden, William Markland ... ..	1930
*Oldham, Eric ... ..	1912
Oldham, Harold ... ..	1914
cOldham, Walter Frederick ... ..	1906
cOldman, Eric Rushbrooke ... ..	1933
cOliver, Frances Elizabeth ... ..	1914
Oliver, Hilda Mary ... ..	1913
cOmar, Mahmoud ... ..	1931
cOppenheimer, George Frederick ... ..	1924
cOrmerod, Oliver ... ..	1917
Ormerod, Thomas ... ..	1900
cOrmes, William Stephen ... ..	1929
cOrmesher, Edwin Charles ... ..	1926
Orrell, Walter Walsh ... ..	1895
cOrrell, William Ramsden ... ..	1924
Osbaldeston, William Gilbert ... ..	1898
cOsborne, Rowland Percy, M.B., Ch.B. ... ..	1928
cOsman, Soliman ... ..	1929
cOulton, Bernard ... ..	1922
cOwen, Herbert ... ..	1916
Owen, Idris Larkby ... ..	1900
cOwen, Peers ... ..	1927
cOwen, Walter ... ..	1928
cOxburgh, Henry Clarkson ... ..	1932
cOxley, Walter David ... ..	1924
cOxtoby, Doris ... ..	1932
cPage, Harold ... ..	1930
Paine, Maitland Francis Austen ... ..	1897
caPalmer, Frank Herbert ... ..	1903
Palmer, Herbert Henry ... ..	1911

	Date of Degree
cPanikkar, Mathoor Sankaran Rama ... ..	1928
cPanikkar, Sankaran Narayana ... ..	1924
Parish, Ephraim John ... ..	1911
cParish, Frederick Arnold ... ..	1921
cParish, Hilda Constance ... ..	1916
Parish, Edward Charles ... ..	1906
cPark, James Ramsay ... ..	1925
Parker, Alfred Gordon ... ..	1905
Parker, James ... ..	1913
cParker, John ... ..	1933
cParker, John Nutter ... ..	1932
cParker, Lilian ... ..	1917
cParker, Philip ... ..	1932
Parker, Mrs. R. E. <i>See</i> Ward, Florence K.	
cParker, Thomas Frederick ... ..	1924
Parker, William Ellis ... ..	1909
cParkes, Elsie Mary ... ..	1928
cParkes, Lily ... ..	1933
Parkin, Amy Beatrice ... ..	1909
cParkin, Ernest ... ..	1891
cParkin, George ... ..	1923
cParkin, Jessie, M.Ed. ... ..	1899
Parkin, Mary Wilton ... ..	1913
cParkinson, Allan Rycroft ... ..	1921
cParkinson, John Scholes, M.B., Ch.B. ... ..	1929
cParkinson, William Lonsdale ... ..	1933
cParry, Janet ... ..	1920
Parry, Stephen ... ..	1901
Parry, William Lawrence ... ..	1898
cParsons, Cicely Janet ... ..	1921
cParrington, Frederick William ... ..	1920
cParrington, Norman ... ..	1922
APatchett, Joseph Langton ... ..	1901
Paterson-Jones, E. A. <i>See</i> Jones, E. A.	
cPatterson, Edward Loudon ... ..	1931
cPattinson, William Ross ... ..	1908
cPaul, Mazuvancherparambathu Virkkey ... ..	1932
cPayne, Eric ... ..	1920
cPayne, Ethel ... ..	1916
cPayne, Kathleen Audrey ... ..	1929
Peacock, Arthur ... ..	1899
cPeak, Elias ... ..	1928
*Pearce, Harold Ellis Dallas ... ..	1911
Pearsall, Mrs. W. H. <i>See</i> Williamson, Marjory S.	
cPearson, Alec ... ..	1922
Pearson, Copeland Eric ... ..	1913
Pearson, Doris Muriel ... ..	1912
cPearson, Harry ... ..	1933
cPearson, Herbert ... ..	1916
Pearson, Hilda Hewitson ... ..	1909
cPearson, Marjorie (Mrs. J. A. P. Nidd) ... ..	1919
cPearson, Maurice Daintree ... ..	1923
Pearson, Richard Edgar ... ..	1910
cPearson, Ronald White ... ..	1930
cPeart, Gladys May ... ..	1926
Peatfield, Albert Edward ... ..	1894
Peck, Ernest Lawrence ... ..	1896
Peel, Nora ... ..	1903
Peel, Selma (Mrs. J. B. Taylor) ... ..	1902
cPemberton, Elsie ... ..	1925
cPemberton, Max ... ..	1931
*Pendlebury, James William ... ..	1912
cPenketh, Herbert Isaac ... ..	1923
cPenney, Humphrey Linthorne ... ..	1920
Penney, Mrs. H. L. <i>See</i> Marsden, Alice M.	
cPennington, Charles Irvin ... ..	1925
Pennington, Dorothy ... ..	1911

1 Head Mistress, Southlands School, Seaford, Sussex.

2 Head Master, The Grammar School, Morecambe, Lancs.

\* Awarded M.C.

B.Sc.—continued.	Date of Degree	Date of Degree
Pennington, Thomas ... ..	1905	cPresslie, Dorothy Gertrude
Ar Pepper, Margaret Clayton ... ..	1900	(Mrs. D. G. Gordon) 1920
Perkins, Henry ... ..	1897	cPreston, Benjamin ... ..
cPerrot, Maximilien André ... ..	1928	cPreston, Ronald ... ..
cPerry, Dorothy Edith (Mrs. W. H. Corkhill) 1923		4Priestley, Albert Weston, M.A. ... ..
cPerry, Douglas Stair ... ..	1926	cPriestley, Dorothy (Mrs. S. O. Gregory) 1920
cPerry, Mrs. D. S. See Tipper, Helen M.		cPriestley, Henry Benjamin ... ..
cPerry, Ethel Mary ... ..	1933	Priestman, Mrs. C. E.
cPershad, Shanker Bala ... ..	1930	See Walker, Mary H.
cPetty, Edward Ralph ... ..	1931	Pring, Thomas Victor ... ..
*Petty, John Darneley ... ..	1912	cPrior, Theodora ... ..
cPhillip, Archibald ... ..	1931	Pullman, Arthur Donald Rieber ... ..
cPhillips, Albert James, M.Ed. ... ..	1920	Pumphrey, George Stanley ... ..
cPhillips, Ernest ... ..	1914	cPurdy, Doris May Winifred ... ..
cPhillips, Gerald Judah, M.B., Ch.B. ... ..	1927	
Phillips, James Oliver Rann ... ..	1910	cQuaas, Alma Emma Hedwig ... ..
Phillipson, Abram ... ..	1904	cQuader, Syed Abdul ... ..
cPhipps, Florence Agnes ... ..	1915	cQuadri, Syed Ahmed ... ..
cPhipps, John Degory Bacon ... ..	1922	Quayle, Alice ... ..
Pickering, Arthur ... ..	1902	cQuinn, Alice Mildred ... ..
cPickering, Herbert ... ..	1930	
Pickersgill, Samuel Edwin ... ..	1904	cRace, Joseph Harry ... ..
cPickford, William ... ..	1916	cRace, William ... ..
cPickles, Ina (Mrs. Fletcher) ... ..	1926	cRadcliffe, Frank ... ..
cPickston, John ... ..	1924	cRadcliffe, Gordon Brownlow ... ..
cPickstone, Diana Myfanwy ... ..	1933	cRaffael, Alexander Maurice ... ..
cPickup, Richard ... ..	1926	cRailton, Reid Antony ... ..
cPickup, Rupert William ... ..	1931	cRamage, Gerald, M.B., Ch.B. ... ..
Picton, Grace Ethel ... ..	1908	cRamsbottom, Edgar Nelson ... ..
cPidgeon, Frank Holt ... ..	1922	cRamsden, Wilfred Scootcher ... ..
Pierpont, Arthur Edwin ... ..	1887	ARamsden, William Bates, M.B., Ch.B. ... ..
cPike, Betsy ... ..	1915	cRankin, Helen Clark ... ..
cPilkington, Madge ... ..	1925	cRanshaw, Nellie ... ..
cPill, Robert ... ..	1889	cRansome, Edwin Oakes ... ..
cPilling, Frank ... ..	1926	cRanson, John ... ..
Pilling, Mrs. See Duxbury, Margaret		cRasburn, Wallace ... ..
cPimlott, Harry ... ..	1929	cRashid, Hassan Hasni ... ..
Pinniger, Mrs. J. W. See Buckley, Lucy		cRatcliffe, Norman Ault ... ..
Pinton, Charles Wilfrid ... ..	1910	cRathbone, John Henry ... ..
Platt, Stanley ... ..	1914	cRathmell, Gladys Mary May ... ..
Platt, Sydney Ernest ... ..	1905	cRaven, Arthur ... ..
cPlews, Dorothy Margaret ... ..	1932	cRaven, Leonard ... ..
Pluge, Arthur ... ..	1897	cRawcliffe, Richard Bryning ... ..
cPolkinhorne, Mrs. F. G. N.		cRawlinson, Eleanor ... ..
See Lyons, Winifred M.		cRawsthorne, Bernice ... ..
cPollard, Hubert Arthur ... ..	1926	cRay, Elsie ... ..
cPollard, Mabel ... ..	1923	5Rayner, Herbert Emmett ... ..
cPollard, Seymour Randall ... ..	1928	Rayner, Thomas Hudson ... ..
Pollitt, Frank Haynes ... ..	1913	Raza, Syed Ali ... ..
Pollitt, Samuel ... ..	1896	Read, Frederick ... ..
Pool, Godfrey Howard ... ..	1914	ARead, Sydney ... ..
cPoole, James ... ..	1915	cReddy, Bondugal Ranga ... ..
cPooley, Olive ... ..	1933	cRedford, Harold ... ..
AcPopplewell, Dorothea ... ..	1898	Reed, Agnes ... ..
APopplewell, Frank ... ..	1901	†Reed, Walter Nelson ... ..
cPorter, Arthur ... ..	1933	ARees, John Lambert ... ..
cPorter, Gilbert ... ..	1922	AReid, Alexander, M.B., Ch.B. ... ..
cPorter, Ronald Philip ... ..	1922	AReid, John Herbert ... ..
cPortman, Percy Raymond ... ..	1930	Renwick, Walter ... ..
Potter, Charles Etty ... ..	1900	Revell, Percy Harry ... ..
cPotter, Frank Dean ... ..	1928	cReynolds, Lewis Norman ... ..
cPotts, Russell ... ..	1932	Reynolds, Stephen Sydney ... ..
cPowell, Horace ... ..	1931	cReynolds, Thomas Herbert ... ..
cPownall, Gwendoline (Mrs. Sam Yates) 1929		cReza, Ali ... ..
cPranank, Mahadeb ... ..	1927	Rhodes, Mrs. A. See Firth, Annie
c3Frasad, Hari ... ..	1910	Rhodes, Bertram ... ..
cPrescott, Miriam Dyson ... ..	1926	Rhodes, Edgar Swain ... ..
cPrescott, Stanley Lewis ... ..	1932	Rhodes, Edwin ... ..
		Rhodes, Geoffrey Rhodes.

See Jureidini, G. R.

1 Principal of the F. L. Calder College of Domestic Science, Liverpool.

2 Head Master, The Grammar School, Colne, Lancs.

3 Professor of Chemistry and Vice-Principal, Government College, Ajmer.

4 Director of Education, Worcester.

5 Head Master, Hunts. County Secondary School, Fletton, Peterborough.

\* Mentioned in Despatches.

† Awarded M.C.

B.Sc.—continued.	Date of Degree	Date of Degree	
cRhodes, Minnie ... ..	1933	cRobson, Edward John ... ..	1931
cRhodes, Mona... ..	1932	cRobson, Henry ... ..	1929
c*Richards, Alan Roy ... ..	1933	cRock, Norman Cecil ... ..	1921
cRichards, Kenneth ... ..	1932	cRoe, Squire ... ..	1925
cRichards, William John ... ..	1923	cRogers, Constance Agatha	
cRichards, William Stanley ... ..	1922	(Mrs. Edmund Troup)	1919
Richardson, Agnes Mabel ... ..	1914	Rogers, James ... ..	1912
cRichardson, Edith ... ..	1926	cRogers, Wilfred Taylor ... ..	1927
cRichardson, George Alfred ... ..	1931	cRogerson, Winifred ... ..	1931
cRichardson, John Howarth ... ..	1926	cRolo, Maurice ... ..	1925
cRichardson, Marion ... ..	1931	cRooney, William Kay ... ..	1924
cRichardson, William Alan ... ..	1923	Roscoe, Mrs. F.	
cRichmond, David Alan... ..	1933	See Davies, Margaret E.	
†Rickards, Joseph, M.B., Ch.B. ... ..	1903	Rose, Charles Leigh ... ..	1916
cRickards, Muriel Josephine ... ..	1927	Rose, E. A. See Rosenheim, E. A.	
cRiddall, Mary Joanna Aline ... ..	1925	Rose, John Leonard ... ..	1898
cRideal, Margaret		cRose, Nina Kathleen ... ..	1923
(Mrs. George Hinchliffe)	1920	Rosenbaum, Simon ... ..	1899
Rider, Maud Mary... ..	1901	Rosenheim, Ernest Albert	
cRidgway, Frank ... ..	1931	(now E. A. Rose)	1898
cRidgway, Stanley ... ..	1925	Ross, Agnes Lilian	
cRidler, Alfred Edmund... ..	1926	(Mrs. W. A. Bullough)	1910
cRigby, Albert ... ..	1902	cRoss, George ... ..	1910
Rigby, Edward Hulme ... ..	1891	cRostron, Constance Mary, M.B., Ch.B.	1928
cRigby, Fred Frankland ... ..	1925	ArRostron, Harold ... ..	1895
Rigby, Harold ... ..	1897	Rothwell, George Green ... ..	1903
Rigby, William, B.A. ... ..	1896	cRothwell, Mary ... ..	1917
Rigby, Mrs. W. J. See Sutton, Olive		cRouse, Elizabeth ... ..	1925
Riley, Albert ... ..	1914	Rowbotham, Albert ... ..	1913
cRiley, Allan Woodburne ... ..	1921	cRowbotham, George Frederick ... ..	1924
cRiley, Arthur, M.Sc.Tech. ... ..	1922	cRowlands, Erwyn Norman ... ..	1933
cRiley, James Jackson ... ..	1925	cRowntree, Henry Brightman ... ..	1929
cRiley, John Edward ... ..	1927	cRoy, Grace Mitchell ... ..	1923
Riley, Joseph ... ..	1901	cRoyds, Albert... ..	1923
Riley, Joseph Willie ... ..	1909	Royle, Alan Gilbert ... ..	1914
cRiley, Muriel ... ..	1924	cRush, Francis Joseph ... ..	1925
cRiley, Reuben ... ..	1917	cRushton, Eric... ..	1924
cRiley, Sheila (Mrs. Hubert Kelly) ... ..	1923	cRushton, Evelyn ... ..	1928
Rimmer, Edward Johnson ... ..	1904	Ac2Russell, Ephraim, M.A. ... ..	1901
cRitchie, John, Jun. ... ..	1924	cRussell, Harold ... ..	1925
cRoberts, Arnold Mitchell ... ..	1921	Rydall, George Herbert ... ..	1903
Roberts, Arthur Trevor ... ..	1902	cRyder, Lawrence Bradshaw... ..	1922
cRoberts, Edwin Donald ... ..	1931		
Roberts, Hugh Henry ... ..	1903	cSadler, Cyril Arthur Needham ... ..	1927
Roberts, Lizzie (Mrs. Stafford) ... ..	1912	Salkeld, Mrs. H. See Croft, Agnes G.	
cRoberts, Richard Clifton ... ..	1929	cSalter, Albert George ... ..	1929
Roberts, William ... ..	1906	cSamuel, Phyllis ... ..	1928
cRoberts, William ... ..	1929	cSandiford, Tom Royle ... ..	1926
Roberts, Mrs. See Mortimer, Fanny		cSankey, John James ... ..	1930
cRobertson, Bertram Howard ... ..	1924	cSansom, Vernon Joseph ... ..	1922
Robertson, David Thompson Strachan... ..	1896	Sardon, Juan de. See Sardon, J. de D.	
Robertson, Eric ... ..	1914	Sardon, Juan de Dios	
cRobins, Cecil ... ..	1929	(now Juan de Sardon)	1909
cRobinson, Alice ... ..	1927	AcSargent, Samuel Rogers ... ..	1901
Robinson, Arthur Samuel ... ..	1911	cSarginson, Amy ... ..	1928
Robinson, Mrs. A.		Sarginson, William ... ..	1903
See Cowell, Rhoda M.		cSatterthwaite, Elizabeth ... ..	1921
cRobinson, Cyril Frederick ... ..	1923	Satyanarayana, K. P.	
cRobinson, Edward... ..	1925	See Narayana, K. P. S.	
cRobinson, Eileen Muriel ... ..	1933	Saunders, Samuel McIntyre... ..	1906
cRobinson, Errol Clive ... ..	1928	Saunderson, Constance Margaret ... ..	1906
ARobinson, George ... ..	1895	Saunderson, Frederick William ... ..	1907
cRobinson, George ... ..	1915	Sawdon, Ernest William ... ..	1898
cRobinson, Maurice Juby ... ..	1932	cSaxon, Hilda ... ..	1932
cRobinson, Percy Ralph ... ..	1920	cSaxon, Robert ... ..	1896
cRobinson, Tom ... ..	1922	cSchofield, Herbert ... ..	1924
Robinson, Mrs.		cSchofield, Joseph Leeming ... ..	1923
See Winterbottom, Estella J.		cSchofield, Arline Annie	
Robinson, Mrs. See Bunting, Ethel		(Mrs. E. N. Smith)	1921

1 Head of Educational Department, Messrs. Tootal Broadhurst Lee Co. Ltd.

2 Head Master, Verdin County School, Winsford, Cheshire.

3 Professor of Education, Union University, Chengtu, West China.

4 Head Master, Forster School, Bradford, Yorks.

\* Honours Student awarded Ordinary Degree on grounds of ill-health.

† Awarded M.C.

B.Sc.—continued.

	Date of Degree
cScholfeld, Alfred Lakeman ...	1910
cScholfeld, Basil ...	1906
cSconce, Kathleen Elizabeth ...	1929
cScott, Alan Thurburn ...	1929
cScott, Claude Worthington ...	1929
cSepton, Harry Wallace ...	1928
cScott, John ...	1926
cSoulier, Walter Daly ...	1899
cSeares, Esther Gertrude ...	1913
cSeares, Winifred (Mrs. A. V. Murray) ...	1919
Searle, Milton Mazzini ...	1911
cSeddon, Fred ...	1910
cSeed, Isabel Hunt, M.A. ...	1922
cSeed, William Herbert ...	1923
cSellers, Henry Norman ...	1915
cSen, Ardhendu Shekhar ...	1930
cSenogles, Phyllis ...	1925
cSepton, Ada Florence ...	1932
Sethi, Parmeshwari Das ...	1913
cShackleton, Herbert ...	1924
Shackleton, Walter ...	1912
cShah, Sami-ullah ...	1918
Shams el Din, Mohamed ...	1912
cShatwell, Hugh George, M.Sc.Tech. ...	1911
Shaw, Daniel Thornley ...	1902
cShaw, George Edward ...	1923
cShaw, Harry ...	1924
Shaw, Mrs. Harry ... See Garnett, Enid	
Shaw, Marion ...	1913
Shaw, Thomas ...	1907
Shaw, Thomas ...	1932
cSheard, Walter ...	1922
cShearman, Bertha (Mrs. Wood) ...	1904
cSheehan, Brendan, M.B., Ch.B. ...	1929
cSheehan, Maurice, M.B., Ch.B. ...	1928
Sheldon, John ...	1914
cShelley, Herbert John ...	1916
cShenton, Leonard Roy ...	1931
cSheorey, Rabbakar Raghunath ...	1930
Shepherd, Douglas Howard, M.A. ...	1911
cShepherd, Ernest, M.A. (Com.) ...	1923
Shepherd, Reginald des Forges ...	1892
cShepley, Eric ...	1930
cShilling, Beatrice ...	1932
Shipperbottom, Abigail ...	1903
cShlosberg, Betty ...	1929
cShlosberg, Nathan, M.B., Ch.B. ...	1931
cShorten, Richard George ...	1923
Shorter, Sydney Alfred ...	1899
cShuttleworth, Donald Anthony ...	1933
cSilk, Philip Baxter ...	1922
cSilverman, Israel Reuben ...	1931
cSimister, Elsie (Mrs. Eardley) ...	1920
cSimm, William Donald Mellis ...	1922
cSimmons, Harry Teasdale, M.B., Ch.B. ...	1926
Simpson, Mrs. Charles ...	
See Hirst, Lilian C. V.	
cSimpson, Geoffrey Elliott ...	1926
cSimpson, Kathleen ...	1925
cSimpson, Margaret Gertrude ...	
(Mrs. Carlton Butler) ...	1920
Simpson, Mrs. ... See Hyslop, Margaret	
cSinclair, Eleanor Mary ...	1923
cSingle, Janet ...	1922
cSingleton, Eric ...	1932
cSingleton, Hilda ...	1932
cSkinner, Edith ...	1926
cSlack, Harry ...	1914
cSlate, James ...	1921
Slater, Alfred ...	1897
Slater, Arthur Evan Cross ...	1921

	Date of Degree
cSlater, Frank ...	1915
cSlater, Harold, M.Ed. ...	1924
cSlater, Jack ...	1928
Slater, John Henry ...	1903
Slater, John Wardle ...	1914
cSlater, Robert ...	1933
Slater, Mrs. W. K. ...	
See Whittenbury, Hilda	
cSleep, Arthur ...	1918
Slefrig, Samuel ...	1898
Sloan, Robert John Joseph ...	1899
cSmalley, Lionel Milton ...	1931
c†Smart, Johnson Ewart ...	1916
Smart, Mrs. ... See Stephens, Mabel W.	
cSmethurst, George ...	1932
Smith, Allan Higson ...	1916
cSmith, Arthur Charnock ...	1930
Smith, Arthur Clifford ...	1904
cSmith, Charles Frederick ...	1933
Smith, Charles Holt ...	1924
cSmith, Charles Richard ...	1923
cSmith, Douglas Aikman ...	1922
Smith, Ellen ...	1903
cSmith, Ethel ...	1926
Smith, Mrs. E. N. ...	
See Scholefield, Arline A.	
Smith, Foster ...	1896
Smith, Frank ...	1903
†Smith, Frank, B.A. ...	1906
Smith, Frank James ...	1900
cSmith, Frank Wemyss ...	1933
Smith, George ...	1912
Smith, George Frederic ...	1904
Smith, Harold Hall ...	1912
cSmith, Harry Digby ...	1918
Smith, Harry Wood ...	1888
Smith, Henry Lambert ...	1898
Smith, Henry Llewellyn ...	1906
cSmith, Herbert Charles ...	1926
cSmith, James ...	1925
Smith, Jennie Jardine ...	1909
cSmith, John Charles, M.B., Ch.B. ...	1928
Smith, John Edgar ...	1901
cSmith, John Higson ...	1932
Smith, Kathleen Mary ...	1933
cSmith, Leonard ...	1931
cSmith, Maxwell ...	1927
Smith, Mary ...	1902
cSmith, Mary ...	1930
Smith, Norman Septimus Joyner ...	1901
cSmith, Ronald ...	
(now Ronald Heath Smith) ...	1922
Smith, Ronald Heath ...	
See Smith, Ronald	
cSmith, Sydney ...	1922
cSmith, Thomas ...	1916
A Smith, William, B.A. ...	1899
Smith, William James ...	1895
cSmith, William Patterson ...	1922
cSmith, William Smister ...	1932
cSmithells, Thomas Archibald ...	1910
cSmithues, George Thomas Spears ...	1924
cSmithies, Thomas ...	1923
Smythe, John Seabury ...	1896
Snelson, Laura Jane ...	1914
cSnook, Thomas ...	1922
cSolly, Henry Wilkinson ...	1922
cSoundy, Millicent Annie ...	
(Mrs. Charles Thorpe) ...	1916
acSouthern, Frank ...	1891
cSouthworth, Thomas Cyril ...	1930

† Professor of Education, University of Leeds.

\* Awarded D.C.M.

† Awarded M.C.

## B.Sc.—continued.

	Date of Degree		Date of Degree
Sowerbutts, Edith Utley (Mrs. N. R. Campbell)	1901	cStott, Louisa Roberta Nicholson...	1922
cSowerbutts, Edna ...	1932	aStringer, Albert Edward...	1900
cSpann, Grace (Mrs. Fred Fairbrother)	1930	cStringer, Arthur Lawrence ...	1928
Speakman, Mrs. H. B.		cStringer, William ...	1905
See Armstrong, Gladys M.		cStruthers, Ada Margaret ...	1925
cSpeight, Alice, M.B., Ch.B. ...	1928	cStruthers, Francis Boyd ...	1923
Spencer, James Frederick ...	1901	cStruthers, Rupert Alexander ...	1918
cSpencer, Ralph ...	1931	rStruthers, William Henderson ...	1913
cSpencer, Robert Irving...	1927	Stuart, Wilson, M.A. ...	1897
Spencer, Mrs. T. P. See Hulse, Evelyn		cStubbs, Denis Robert ...	1932
Spiegelhalter, Cecil ...	1903	cStubbs, Ernest Bagnall...	1922
cSpokes, Thomas Frederick ...	1924	cStubbs, Francis James ...	1931
cSquire, Irene Mary ...	1925	Studley, Charles Wilcock ...	1897
cSreshthaputra, So ...	1925	cSturge, Wilson Waterhouse ...	1932
cStafford, Alice (Mrs. Wignall) ...	1915	Sturges, Arthur Manning ...	1901
Stafford, Mrs. See Roberts, Lizzie		cSullivan, Robert ...	1931
Standing, Margaret ...	1904	Summers, Herbert Henry ...	1903
cStanding, Percival Kay ...	1916	cSummers, Walter Alec ...	1908
eStansfield, Harry ...	1933	Sumner, Ernest Jonathan ...	1900
Stansfield, Samuel ...	1898	Sutcliffe, Albert Ormerod ...	1910
cStanton, Leonard Radford ...	1924	cSutcliffe, Geoffrey William ...	1928
cStanworth, James ...	1916	Sutcliffe, Henry ...	1900
cStarkey, Albert Ernest ...	1926	cSutcliffe, Hubert Thomas ...	1916
cStarkey, Robert Fenton ...	1930	Sutcliffe, Joseph ...	1911
cStarkie, Colin, M.B., Ch.B. ...	1928	Sutcliffe, Luke ...	1900
cStaton, William ...	1915	cSutcliffe, Mary Greenwood ...	1929
Stead, Arthur ...	1899	cSutcliffe, Muriel Mary Helme ...	1923
cStead, Clifford ...	1930	cSutcliffe, Roland Arthur Harrington ...	1923
Stead, Frank Cawthron ...	1903	cSuthers, Hilda Marguerita ...	1918
cSteel, Harry Cecil ...	1922	cSutton, Isaac, M.B., Ch.B. ...	1928
Stelfox, Sydney Herbert ...	1902	cSutton, Olive (Mrs. W. J. Rigby) ...	1916
Stell, Nellie ...	1914	cSutton, Winifred ...	1923
cStent, Howard Braithwaite, M.Sc. Tech.	1925	Svensson, Gillis ...	1900
Stephens, Mabel Winifred (Mrs. Smart)	1907	cSwaine, William ...	1915
cStephenson, Eric Fletcher ...	1921	cSwales, John ...	1915
Stephenson, Isabel...	1901	Swallow, George Herbert ...	1910
cStephenson, James Pinder ...	1926	Swallow, Robert William ...	1899
aSteuart, Douglas Stuart ...	1895	cSwift, Edgar ...	1925
Stevens, Robert Henry...	1906	Sykes, Albert ...	1904
cStevenson, Elsie Caroline ...	1903	cSykes, Albert ...	1925
cStevenson, Marjorie Alice ...	1931	Sykes, Mrs. See Whitfield, Evelyn	
Stevenson, Rose Evelyn ...	1906		
cStewart, Archibald William ...	1933	cTaberner, Alice ...	1919
Stewart, Charles ...	1898	Tainton, Uryln Clifton ...	1912
Stewart, Charlotte May (Mrs. Edward Hill)	1912	cTainton-Clayton, Erith Geraint ...	1928
cStewart, David Fortune ...	1927	cTalbot, Geoffrey, M.B., Ch.B. ...	1916
cStewart, Ian ...	1926	Talbot, Herbert Smith ...	1912
cStewart, Mary ...	1923	cTandan, Ram Chandra ...	1925
Stewart, Tom ...	1904	cTankard, Joseph ...	1934
Stewart, Mrs. See Clough, Eva		cTanner, Charles Sydney ...	1932
Stiebel, Dorothy Charlotte		cTanner, Henry Hector ...	1923
(Mrs. C. J. Aron)	1913	cTanner, Thomas Gordon ...	1925
cStirling, Enid Helen ...	1929	Tansley, George Edward ...	1897
Stitt, James Arthur ...	1910	cTarver, Constance Margaret... ..	1932
cStockdale, William Henry, M.Ed. ...	1917	Tattersall, Mrs. George.	
Stocks, Arthur ...	1900	See Ecroyd, Eveline M.	
Stocks, Frank Elliot ...	1908	cTaws, Kathleen ...	1923
Stocks, Marion ...	1904	Taylor, Mrs. J. B. See Peel, Selina	
Stockton, Albert Thomas ...	1923	cTaylor, Abraham ...	1933
Stoddard, Arthur Askwith ...	1902	Taylor, Albert ...	1910
Stoddard, Mary ...	1913	cTaylor, Albert ...	1920
Stoehr, Emil Moritz ...	1884	Taylor, Alice Jane (Mrs. J. A. Uttley)...	1906
cStokes, Douglas Dodd ...	1931	Taylor, Mrs. B. A.	
cStonestreet, Maurice ...	1933	See Hall, Christobel M.	
cStopard, Winifred May...	1918	cTaylor, Ernest ...	1926
aStorey, James Ashburner ...	1890	acTaylor, Ethel ...	1901
Storey, John Everard ...	1907	cTaylor, Evelyn (Mrs. J. B. Wright) ...	1919
Storrs, Hubert Townsend ...	1897	cTaylor, Even Wilford ...	1925
cStott, Charles Frederick, M.B., Ch.B. ...	1926	Taylor, Francis ...	1902
cStott, Frederick Clifford ...	1929	cTaylor, George Eric ...	1921
Stott, John Henry...	1897	acTaylor, George William ...	1897
		cTaylor, Harold (Bolton) ...	1922
		cTaylor, Harry...	1932

B.Sc.—continued.

	Date of Degree
cTaylor, Herbert Edwin ... ..	1931
cTaylor, James ... ..	1927
cTaylor, James Nicholson ... ..	1924
cTaylor, Joan ... ..	1929
cTaylor, Leslie Senior ... ..	1926
Taylor, Mabel Alice ... ..	1910
Taylor, Norman ... ..	1907
cTaylor, Norman ... ..	1921
cTaylor, Philip Hood ... ..	1933
cTaylor, Randal Henderson ... ..	1927
Taylor, Sarah ... ..	1910
cTaylor, Vera ... ..	1930
cTaylor, William ... ..	1921
Taylor, Mrs. A. N. ... ..	
<i>See Bentley, Dorothy L.</i>	
Telfer, James ... ..	1901
cTetlow, Clifford ... ..	1931
cTetlow, Norman ... ..	1923
cThakur, Kimatrar Thakurdas ... ..	1930
cThatcher, Wilfred Arthur ... ..	1931
<i>Thewlis, Harold Darling</i> ... ..	1914
cThom, Elsie Georgina ... ..	1922
Thomas, Edward Jerman ... ..	1910
Thomas, Mrs. E. P. ... ..	
<i>See Moran, Margaret E.</i>	
AThomas, Hubert Robert ... ..	1895
Thomas, Hugh Spenser ... ..	1898
rThomas, Joseph Henry ... ..	1898
Thomas, Mrs. R. E. C. ... ..	
<i>See Cawley, Mary</i>	
acThomas, Robert Howarth ... ..	1926
cThomasson, John ... ..	1921
Thompson, Mrs. A. E. ... ..	
<i>See Leach, Gertrude R.</i>	
Thompson, Chadwick Eckersley ... ..	1923
Thompson, Ethel (Mrs. Belsen) ... ..	1902
cThompson, George Leslie ... ..	1930
Thompson, Hubert ... ..	1903
AThompson, James David ... ..	1892
Thompson, John Thomas ... ..	1901
Thompson, William Benson ... ..	1903
<i>Thompson, Mrs. See Ellis, Violet J.</i>	
cThornely, Philip Cawthorn ... ..	1929
cThornely, Bernard ... ..	1932
cThornley, Robert Rayner ... ..	1914
cThornley, Roland ... ..	1932
AThornton, Arthur Lambert ... ..	1896
cThorpe, Dawson ... ..	1929
cThorpe, Arthur ... ..	1916
Thorpe, Mrs Charles ... ..	
<i>See Soundy, Millicent A.</i>	
cThorpe, Clifford Padgett ... ..	1921
Thorpe, John William ... ..	1914
cThrelkeld, Eileen (Mrs. Evans) ... ..	1922
cThrupp, Nancy ... ..	1926
cTibbs, Stanley Robert ... ..	1932
Tickle, Matthew James ... ..	1903
Tiffany, Joseph Edgar ... ..	1899
Timmis, Arthur Carlyle ... ..	1907
cTimperley, David Richard Triffitt ... ..	1922
cTipper, Helen Margaret ... ..	
(Mrs. D. S. Perry) ... ..	1928
cTirrell, Clifford John ... ..	1925
cTurrell, Harold Fred ... ..	1927
<i>Todd, John Henry</i> ... ..	1898
Todd, Reginald Austen ... ..	1898
cToftail, Ahmad Khan ... ..	1933
cToft, Herbert ... ..	1931
cToft, Joseph Warburton ... ..	1925
cTolson, Maurice ... ..	1932
cTomlinson, Henry ... ..	1925

	Date of Degree
cTomlinson, Thomas Garner, B.Sc.Tech. ... ..	1933
cTomlinson, Walter Campbell ... ..	1930
Tomlinson, William Henry ... ..	1911
cTompkins, Dennis Gordon ... ..	1928
cTonge, Joshua William ... ..	1925
cTooth, Olive ... ..	1932
Townend, Allan Luke ... ..	1926
Trantom, William ... ..	1896
cTroppier, Frank ... ..	1916
cTristram, Margaret Julia ... ..	1927
Troup, Mrs. Edmund ... ..	
<i>See Rogers, Constance A.</i>	
cTudge, Fred ... ..	1932
cTunncliffe, Lilian (Mrs. W. Myers) ... ..	1918
Tunstall, John ... ..	1910
cTunstall, Norman ... ..	1915
cTuplin, William Alfred ... ..	1923
cTurner, Harry Entwistle ... ..	1922
Turner, Herbert ( <i>now H. Caville-Turner</i> ) ... ..	1908
cTurner, William Hollins ... ..	1923
cTurnock, Ruth Mary ... ..	1933
cTurtle, Norman Foster ... ..	1928
Turton, Edward, M.D. ... ..	1903
cTyas, Mary Montgomery ... ..	1931
Tyler, John Ronald Cather ... ..	1911
cTyson, George, M.Ed. ... ..	1926
Underwood, John Maurice ... ..	1912
cUnsworth, Alfred Victor ... ..	1923
Unsworth, Maggie ... ..	1914
Unwin, Ernest Ewart ... ..	1901
Ure, James Matthew ... ..	1899
Uttley, Mrs. J. A. <i>See Taylor, Alice J.</i>	
AVarley, William Crowther ... ..	1894
cVasey, Joseph Reginald ... ..	1925
cVaudrey, Edward ... ..	1915
cVaughan, Winifred ... ..	1919
cVerity, Carl, M.B., Ch.B. ... ..	1927
Verity, John Arthur ... ..	1903
cVernon, Edith (Mrs. F. J. Watts) ... ..	1919
cVernon, Eric, M.B., Ch.B. ... ..	1930
cVernon, Herbert Ward ... ..	1916
cVickerstaff, Thomas ... ..	1932
*Viner, Edward ... ..	1908
cVinten-Fenton, Charles Victor ... ..	1927
cVose, John ... ..	1925
Waddington, Harry ... ..	1914
cWaddington, John ... ..	1933
Waddington, William Walch ... ..	1911
cWade, Charles Henry Townsend, M.B., Ch.B. ... ..	1928
cWade, Edith Mary ... ..	1933
cWade, Henry John ... ..	1932
<i>Wade, John Mayall</i> ... ..	1914
cWadhams, John Oswald ... ..	1921
Wagstaff, Mrs. G. J. <i>See Kyffin, Annie</i>	
cWahbi, Ahmed Kameel ... ..	1928
cWainwright, Dorothy ... ..	1922
Waite, Harold ... ..	1913
Waite, Joseph Harold ... ..	1904
cWainfeld, Juda Pejsach ... ..	1929
cWake, John Gregson ... ..	1922
Walbank, Wilfrid Stephen ... ..	1897
Walker, Albert Norman ... ..	1912
cWalker, Arnold Henry ... ..	1925
Walker, Arthur George ... ..	1903
Walker, Augustus John ... ..	1894
cWalker, Cecily Mary Helen (Mrs. T. Marsh) ... ..	1920
cWalker, Charles Stanley ... ..	1930

r Head Master, Waterloo Secondary School, near Liverpool.

\* Awarded D.S.O.

† Mentioned in Despatches.



## B.Sc.—continued.

	Date of Degree		Date of Degree
cWalker, Edith Frances ... ..	1930	cWebster, John James ... ..	1933
cWalker, Edward Louis ... ..	1930	AWebster, Joseph Sidney ... ..	1899
cWalker, Frederick Stanley ... ..	1921	cWebster, Margaret Buchanan ... ..	1932
cWalker, George Alfred ... ..	1924	cWeiss, Margaret Erica (Mrs. G. G. Wicksteed) ... ..	1927
cWalker, Jesse Holland ... ..	1933	ac††Wells, Lionel Fortescue ... ..	1898
cWalker, John ... ..	1925	cWest, Kathleen Margaret (Mrs. R. M. Wood) ... ..	1927
cWalker, Joseph ... ..	1931	cWestern, George Rex ... ..	1930
Walker, Joshua ... ..	1904	cWestmacott, Brian Slater ... ..	1932
cWalker, Mary Hannah (Mrs. C. E. Priestman) ... ..	1925	cWeston, Nancy ... ..	1933
cWalker, Nathaniel ... ..	1923	cWetherell, Sydney ... ..	1933
cWalker, Sidney Alexander ... ..	1923	cWetherill, Hilda ... ..	1923
cWalker, Thomas Stafford ... ..	1931	2Whaley, James ... ..	1895
Walker, William Frank ... ..	1912	cWhalley, Eric ... ..	1921
cWall, John Derwent ... ..	1922	Whalley, Harry ... ..	1906
Wall, Mrs. H. See Walmsley, Mary		cWhalley, Mary Alice ... ..	1919
cWall, Ronald ... ..	1928	cWhalley, Wilfred, M.Ed. ... ..	1914
cWallace, John ... ..	1927	Wharton, Edgar, M.B., Ch.B. ... ..	1902
Wallbridge, Mrs. P. E. See Wolstenholme, Vera		Wharton, Harold ... ..	1902
Walley, Percy Woods ... ..	1914	cWhatmough, Beatrice Margaret ... ..	1926
cWallwork, Alice ... ..	1925	cWheeler, John Stanley Carress ... ..	1933
Wallwork, Arthur Vivian ... ..	1906	cWhipp, Harold ... ..	1923
cWalmsley, Frank ... ..	1926	cWhipp, Hilda (Mrs. Richard Greenhalgh) ... ..	1924
Walmsley, Mary (Mrs. H. Wall) ... ..	1910	cWhitaker, Edward Cecil ... ..	1923
Walmsley, Percy Dawson ... ..	1903	cWhitaker, James Rudman ... ..	1925
Walmsley, William Arthur ... ..	1910	cWhitaker, John Latham ... ..	1927
Walsh, James Thomas ... ..	1896	Whitaker, John Stanley ... ..	1898
cWalsh, John ... ..	1927	cWhitaker, Sidney Nisbet, B.A. (Com.) ... ..	1922
cWalsh, Margaret Kathleen ... ..	1931	cWhitcomb, Amy Victoria ... ..	1925
cWalshaw, Ronald Stanley ... ..	1932	White, Cecil ... ..	1910
cWalters, Arthur Leslie ... ..	1933	cWhite, Charles Ernest ... ..	1932
cWalton, Millicent ... ..	1926	cWhite, Donald William ... ..	1926
cWalton, Ronald ... ..	1925	White, Ernest Clark ... ..	1897
cWandless, Winifred Agnes ... ..	1927	White, Robert George ... ..	1904
cWarburton, Gladys Mary ... ..	1925	cWhite, William ... ..	1926
cWarburton, John Daine ... ..	1924	White, William Henry ... ..	1895
cWarburton, Mary ... ..	1927	cWhitehead, Arthur Henton ... ..	1906
Ward, Charles Harold ... ..	1911	cWhitehead, Douglas John ... ..	1917
cWard, Florence Katie (Mrs. R. E. Parker) ... ..	1918	cWhitehead, Muriel Mary ... ..	1915
cWard, Frank ... ..	1924	cWhitehead, Phyllis Pennell (Mrs. W. McK. Anderson) ... ..	1923
cWard, Kathleen Nutter ... ..	1923	cWhitehead, William ... ..	1919
Wareing, Marion ... ..	1913	cWhitehead, William Thomas ... ..	1933
Warham, Amy Elizabeth (Mrs. Stewart Cameron) ... ..	1890	cWhiteley, Sidney ... ..	1932
cWarhurst, Ernest ... ..	1933	cWhiteman, Spencer William ... ..	1932
Warmington, Edith ... ..	1903	cWhiteside, Alice Muriel ... ..	1920
cWarmington, Marjory Patience ... ..	1926	cWhitfield, Ernest Victor ... ..	1921
Warner, Claude Errington ... ..	1896	cWhitfield, Evelyn (Mrs. Sykes) ... ..	1926
cWarwick, Tom ... ..	1932	cWhitfield, Monica Colquitt ... ..	1927
cWason, Joseph Samson ... ..	1930	cWhitnall, Edward John ... ..	1908
Waterhouse, Renzie ... ..	1910	Whittaker, Croydon Meredith ... ..	1899
Waterhouse, William John ... ..	1892	cWhittaker, Douglas ... ..	1925
Waterlow, Cecil Beauchamp ... ..	1909	cWhittaker, James ... ..	1933
cWatkins, Ernest Roger ... ..	1926	cWhittaker, Lucy Greenhalgh ... ..	1933
cWatkins, Kenneth Harold ... ..	1924	cWhittaker, Randal, M.B., Ch.B. ... ..	1929
Watkins, William Morris ... ..	1913	cWhittaker, Robert ... ..	1929
Watson, Arthur Alfred ... ..	1893	Whittenbury, Mrs. G. V. See Francke, Joan	
cWatson, Eric ... ..	1923	cWhittenbury, Hilda (Mrs. W. K. Slater) ... ..	1919
Watson, Harry ... ..	1907	cWhittle, Elizabeth ... ..	1928
cWatson, Madge ... ..	1925	cWhittle, Norah Marguerite ... ..	1918
cWatson, Walter ... ..	1923	Whittles, Willie ... ..	1908
cWatt, Joseph Herbert Saltmarsh ... ..	1929	3Whitton, William Alexander ... ..	1901
Watton, Sydney Leonard ... ..	1905	cWhitworth, John ... ..	1924
cWatts, Ethel Amelia (Mrs. E. A. Dungan) ... ..	1916	cWhitworth, Nina Madge ... ..	1925
Watts, Mrs. F. J. See Vernon, Edith		cWhyatt, Gilbert Henderson ... ..	1922
Watts, Thomas Guy ... ..	1909	cWhyman, William Henry Noel ... ..	1922
cWeaver, William ... ..	1916	Wicksteed, Mrs. G. G. See Weiss, Margaret E.	
		cWigley, Harold ... ..	1932

1 Head Master, Lyme Regis Grammar School, Dorset.

2 Director of Education for Dudley.

3 Head Master of New Mills County Secondary School.

\* Awarded D.S.O. † Mentioned in Despatches

‡ Awarded Serbian Order of Kara George, 4th Class (with Swords).

B.Sc.—continued.

	Date of Degree
cWignall, Walter Bennett	1921
Wignall, Mrs. See Stafford, Alice	
Wild, Mrs. G. B.	
See Brentnall, Annyc C.	
AWild, John	1890
cWild, Thomas Gordon Fletcher	1924
Wild, William Ernest	1891
Wilde, Hilda	1914
Wilde, Wendon Ray	1914
cWilding, Alice	1923
cWildman, Harry	1927
cWildman, Sybil	1928
cWilkes, Cecil	1931
Wilkinson, Arthur Cecil	1908
cWilkinson, Ethel	1923
Wilkinson, Frederick Randolph	1906
cWilkinson, Harold	1924
cWilkinson, Herbert	1932
cWilkinson, Martin Edward Towler	1931
cWilkinson, Robert Dennis	1921
cWilkinson, Rowland	1933
cWillacy, Kelsall Robson	1931
cWillan, George	1921
cWillett, Alice	1917
Williams, Bernard	1913
Williams, Cyril Stoaie	1910
cWilliams, Denis John, M.B., Ch.B.	1929
cWilliams, Frederic Colland	1932
Williams, Harry	1909
Williams, Mrs. J. A.	
See Begg, Frances B.	
Williams, Kate	1902
cWilliams, Philip	1922
cWilliams, Margaret Isabel	1932
Williams, Mrs. See Brown, Florence W.	
cWilliamson, Amy (Mrs. Martin)	1915
cWilliamson, Ernest Frederick	1922
cWilliamson, George	1921
cWilliamson, Marjory Stewart	
(Mrs. W. H. Pearsall)	1914
cWilliamson, Raymond, M.D.	1915
Willis, Frank	1910
Willis, Fred	1901
Willis, Malcolm Featherston	1911
cWillis, Margaret Brooke	1930
cWillison, Olive Gwendoline	1924
cWishaw, Ralph Eric	1923
Wilson, Alfred Carruthers	1895
Wilson, Charles Richard	1900
atWilson, Charles Thomson Rees	1887
Wilson, Frances Annie	1904
cWilson, George Ernest	1925
cWilson, Lilian Mary	1931
cWilson, Mary Bailey	1929
cWilson, Nellie, M.B., Ch.B.	
(Mrs. F. W. T. Craske)	1926
cWilson, Thomas Oakley	1921
Wilson, William, M.D.	1904
cWilson, William Leslie	1930
Wilson, Winifred	1907
cWinder, Richard	1919
atWindsor, Frank Needham	1887
Winfield, Henrietta Sarah	1905
Winkup, Mrs. A. J.	
See Hardman, Sybil M.	
Winnard, John	1911
cWinstanley, Edith	1929
Winstanley, Gertrude (Mrs. Emson)	1914
cWinstanley, Martha Alice	1932
cWinterbottom, Amy	1923
cWinterbottom, Edgar	1923

Winterbottom, Estella Jane

(Mrs. Robinson)	1902
cWinterbottom, Fred	1930
cWinward, Thomas	1917
cWise, Colin George, M.Ed.	1926
cWitty, Frank Roy	1926
cWolf, Harry	1922
cWolf, Walter Albert Louis	1921
cWolfenden, Tom	1923
cWolstenholme, Vera	
(Mrs. P. E. Wallbridge)	1924
cWoo, Feng En	1919
cWood, Alan Cregan	1931
cWood, Frederick James	1933
Wood, Mrs. H. E.	
See Greengrass, Mary E.	
Wood, Humphrey Rayner	1910
cWood, Ida	1921
cWood, Jack	1927
Wood, John	1911
Wood, Mrs. K. K.	
See Morrison, Ellen I.	
Wood, Leonard Sutton	1901
cWood, Mary Kathleen	1926
Wood, Mrs. P. B. See Holder, Mary E.	
cWood, Robert Basil Perceval	1925
cWood, Ronald Mackay	1925
Wood, Mrs. R. M.	
See West, Kathleen M.	
cWood, Sam	1932
Wood, Sarah Ann	1913
3Wood, William Henry, M.D.	1908
cWood, William Stanley	1922
Wood, Mrs. See Shearman, Bertha	
cWoodcock, Clarice Mary	1921
cWoodfield, Frank William	1922
cWoodham, Charles	1914
cWoodruff, Winifred Mabel	1926
cWoods, Thomas Clayton	1921
Woodward, William	1903
cWoodyatt, Grace May	1897
cWoolman, Harold George	1924
Wong, Chung Yik	1913
Worgan, Alfred Edward	1896
cWorswick, Millicent Frederica, B.A.	1902
acWorthington, Robert Edward	1899
cWrather, Harry Coupe	1933
cWray, Irene Gordon	1925
cWray, Robert Arnold	1922
cWray, William Ulliott	1928
cWright, Gladys	1931
cWright, Hilda Mary	
(Mrs. D. J. Farquharson)	1922
Wright, Mrs. J. B. See Taylor, Evelyn	
cWright, Leslie	1925
cWright, Louis Charles, M.B., Ch.B.	1926
Wright, Richard Bertram	1905
cWright, Richard Valentine, M.B., Ch.B.	1929
Wright, Mrs. See Hall, Ruth	
cWroe, Freda	1929
cWroe, Harry	1929
cWu, Chen-tsung	1917
cWyatt, Harold	1922
cWyde, Kenneth Haslam	1925
cWylie, Margaret Ritchie	1926
cWynne, John Francis Geoffrey	1923
cYarborough, Winifrede	1932
cYarwood, Ernest Sydney	1922
Yates, Doris Eyre (Mrs. J. Jackson)	1914

- 1 Fellow of Sidney Sussex College, Cambridge; Jacksonian Professor of Natural Philosophy in the University of Cambridge; Nobel Prize for Physics; F.R.S.
- 2 Chemical Analyst and Bacteriologist, Government of Burma, and Major, I.M.S.
- 3 Derby Professor of Anatomy in the University of Liverpool.

## B.Sc.—continued.

	Date of Degree		Date of Degree
cYates, Edna Mary		cYoung, John ... ..	1925
(Mrs. Lindley Henshaw)	1926	Young, John Stevenson	1903
Yates, Edward ... ..	1903	Young, Maude Eveline	1900
Yates, Mrs. Sam		cYounus, Syed Mohamed	1918
See Pownall, Gwendoline			
Yates, Mrs. See Marsden, Margaret F.		Zagury, Leon ... ..	1892
cYedatore,		cZelcer, Rubin ... ..	1929
Sadasivaavadhani Venkatakrishnaiya	1917	cZender, Jean Pierre Justin	1923
cYeoman, Kathleen Campbell	1931	cZwarenstein, Harry, Ph.D.	1923
Young, Bernard ... ..	1919		

## ADDITIONAL SUBJECT TAKEN IN FINAL B.Sc. EXAMINATION.

(Under Ordinance 19.)

The following have satisfied the Examiners at the standard of the Final B.Sc. Examination in the subject named:—

T. G. Tanner (Electro-Chemistry, Division I.)	1926
Leslie Wright	1926

## FACULTY OF LAW.

## LL.D.

	Date of Degree
crEastwood, Reginald Allen ... ..	1918
cHedges, Robert Yorke ... ..	1932
ac2Holland, Robert Wolstenholme, M.A., M.Sc.	1914
Phillipson, Coleman, Litt.D.	1908
Stephenson, Charles Harold Simpson	1910

## LL.M.

c**3Brierly, James Leslie ... ..	1923
cCooke, Reginald Garforth, B.A.	1924
cDean, Frederick Harold ... ..	1932
cHolt, Walter ... ..	1931
c4Marsden, Henry Lathrope, B.Com.	1930
**5Oldfield, Francis du Pré ... ..	1924
cRoberts, Geoffrey Bamford ... ..	1926
ac**6Turner, Harold Pilkington, M.A.	1923
Webber, George Julius ... ..	1933
cWinterbottom, Allan, M.A. (Com.)	1928

## LL.B.

	Date of Degree		Date of Degree
cAndrews, Frank, M.A. ... ..	1927	Bodel, Frederick Ernest ... ..	1902
cAspden, James Priestley ... ..	1933	ABold, Edgar, B.A. ... ..	1901
cAshworth, Charles Reginald ... ..	1930	Boote, Richard Harvey ... ..	1893
cAshworth, Reginald ... ..	1922	Booth, John Bennion ... ..	1899
cAubrey, Ralph ... ..	1931	ABottomley, Leonard, M.A. ... ..	1895
		Bradbury, Mrs. F. See Hesling, Edith	
cBaker, George Arthur ... ..	1904	ac7Bradley, Francis Ernest, M.A., M.Com.	1888
Bancroft, George Raymond Beaton	1911	Branthwaite, Raymond Helton ... ..	1913
cBannister, Reginald Payne ... ..	1926	acBrayshaw, Alfred Neave ... ..	1885
cBattersby, Frank Newton ... ..	1924	cBrearley, Denis Hernan Root ... ..	1929
cBeattie, David Joy ... ..	1931	cBrewer, Arnold ... ..	1931
Bell, Wilson ... ..	1902	Brodrick, Edward ... ..	1912
cBellis, William Harold ... ..	1925	cBromley, Donald William ... ..	1923
Berry, Harry Leopold Firth ... ..	1911	cBrooks, Hartley ... ..	1920
cBesso, Sabbato Louis ... ..	1904	Brown, William Henry Trotter ... ..	1903
cBlades, Henry Johnson ... ..	1929	ABrownson, Alfred Lever, B.A. ... ..	1898
cBlank, David ... ..	1932	Brownsword, Percy ... ..	1901

1 Professor of Law in the University.

2 Principal of Pitman's Schools, London; O.B.E.

3 Chichele Professor of International Law in the University of Oxford; O.B.E. (Mil.).

4 Principal of Manchester Municipal High School of Commerce.

5 Late Professor of Jurisprudence in the University; Kt.

6 Director of Extra-Mural Studies in the University

7 County Court Judge on the Blackburn and Preston Circuit; F.R.S.E.

\*\* Degree conferred under Charter II. (3).

# Graduates (Law).

LL.B.—continued.

	Date of Degree
cBuckle, Albert Edward...	1923
cBuckley, Norman Hughes...	1929
cBullough, Frederick Osborne...	1933
cBurgis, Edwin Cooper...	1905
<i>Burroughs, Benjamin Palmer</i> ...	1897
<i>Cade, Reginald Harry</i> ...	1913
cCadman, Reginald Hugh...	1930
<i>ACain, Herbert Porritt</i> ...	1902
cCantley, Joseph Donaldson...	1930
cCardwell, Henry M.A. ....	1913
cCarey, Edward .....	1896
cCarr, John Philip Marshall...	1933
cCastle, George .....	1927
cCaulfield, James Irvine...	1932
Chambers, Kenneth William...	1910
cCheetham, George .....	1933
cChorlton, Alfred Ethelbert Gospatric...	1902
cChorlton, Anthony Michael .....	1932
Clayton, Reginald .....	1904
Cleaver, Leonard Swainson...	1897
cClement, Oswald .....	1901
cClough, Francis Frederick...	1933
cCohen, Cecil Susman .....	1931
cCohen, Maurice .....	1933
cCooke, Robert .....	1932
cCooper, Marian, B.Com. ....	
(Mrs. R. V. Roger)	1925
cCottam, William Townley...	1927
cCowley, Geoffrey Worth...	1929
cCox, Sydney George .....	1901
<i>Cunningham, Frank Bennett</i> ...	1904
Davies, Albert .....	1902
cDavies, Roderick Albert...	1932
cDavis, Joseph Eric .....	1927
cDay, John Bigland .....	1923
Dehn, Curt Gustav .....	1902
cDesquesnes, Arnold .....	1913
cDesquesnes, Ernest .....	1901
cDiamond, Morris .....	1928
cDick, John Staveley Graham...	1927
Dickinson, Richard .....	1903
cDriver, John Edward .....	1932
cDuck, Geoffrey Richardson...	1932
Earle, Nicholas Albert Edward...	1911
cEaston, Humphrey Copinger...	1927
*Eaton, Henry Rayner .....	1913
Eaton, Thomas Rayner .....	1912
cElbogen, Isaac .....	1929
Eldon, Harry Brisbane .....	1910
Elias, William Alfred .....	1901
cElliott, John Braddock .....	1933
cEmmett, Eric, M.A. ....	1922
†Eatwistle, Cyril Fullard .....	1908
acFaraday, Wilfred Barnard...	1897
Finklestone, Harry .....	1906
<i>Fish, George Alfred Briggs</i> ...	1900
cFlitz-Patrick Harold Smith...	1928
acFletcher, Alfred Woodroffe...	1892
Foley, Frank Settle .....	1900
cFox, Philip .....	1931
cFrance, Ronald Allen .....	1921
cFrankenstein, Geoffrey Philip...	
(now G. P. F. Wilson)	1928
Fraser, Edward .....	1902
cFreeman, Mary Alexandra...	1932
cFurniss, George Frederick...	1931

cGallagher, Monica .....	1917
cGallaway, Leslie Kemplay .....	1912
cGarratt, Enid .....	1931
<i>Garside, George Henry</i> ...	
(later George Herford Garside)	1903
<i>Garside, G. Herford</i> ...	
(See Garside G. Henry)	
cGaunt, Edward Martin .....	1930
cGaunt, John Howard .....	1927
Gaunt, Mrs. J. H. ....	
(See Mason, Beatrice L.)	
Gee, Randolph Hatton .....	1905
cGibbons, Herbert John .....	1932
<i>Gilmora, Randolph Orme</i> ...	1901
<i>Gilmora, Randolph Somers</i> ...	1912
cGoldstone, Bernard Patrick Horace...	
Antony .....	1931
Greaves-Lord, Walter. See Lord, W. G.	
cGreenhalgh, Ronald Manley .....	1930
Gregory, Frederick Charles .....	1901
czGrundy, William Hurst Roy, B.A. ....	1928
cGuest, George, B.Sc., M.Ed. ....	1926
cHaboba, Nathaniel .....	1932
Hall, Sam .....	1912
cHall, William Leslie .....	1932
cHalsworth, Joseph Allen .....	1932
Hamer, Frederick .....	1905
cHamwee, Neville .....	1928
cHarbottle, David Lindsay .....	1898
cHaring, Ruth .....	1927
cHarrison, Dennis Arthur .....	1925
Harrison, Edgar Yates .....	1913
cHeap, Desmond .....	1929
cHeathcote, Godfrey .....	1891
cHeron, Cuthbert George .....	1933
cHesling, Edith (Mrs. Frank Bradbury)	1922
cHewitt, John Charles .....	1923
Heywood, Horace .....	1914
cHickey, Denis .....	1915
Hickson, Cuthbert Gollan .....	1913
Higson, Rennie .....	1911
cHinchcliffe, Arthur Edward Townend...	1901
cHodgson, Harold Robinson .....	1930
cHodson, John Wignall .....	1904
cHollinshead, John Reginald Wood .....	1923
cHollows, James William .....	1920
cHorne, Hubert Ashton .....	1928
cHorrocks, Gilbert .....	1927
cHowarth, Frank Arthur .....	1931
cHowarth, Neville Stanley .....	1933
cHudson, Arthur Keith .....	1924
<i>Hudson, Frank</i> .....	1903
Hughes, Robert Bristow .....	1900
Hurworth-Robinson, Thomas Christopher	1899
cHyde, Denis .....	1926
<i>Ives, Robert Garside</i> .....	1888
Jackson, Albert .....	1911
cJackson, Philip .....	1930
Jaffe, Jacob. See Yaffe, Jacob	
Jalland, Arthur Edgar .....	1910
James, Joseph Henry, M.A. ....	1901
cJeffery, Dorothy Foster .....	1924
Jessop, Frederic Hubert .....	1903
Johnson, Stanley Webb .....	
(now S. Webb-Johnson)	1909
cJones, Gladys Forshaw .....	1932
cJones, Hugh Emily .....	1922

1 Professor of Law in the University of Capetown.

2 Head Master, Bolton Municipal Secondary School.

3 Town Clerk of Blackpool.

\* O.B.E.

† Awarded M.C.

## LL.B.—continued.

	Date of Degree		Date of Degree
cKeogh, George ... ..	1927	aRaby, Percy, M.A. ... ..	1896
cKinsey, Philip Francis ... ..	1927	cRhodes, John Sydney, B.A. ... ..	1925
cKnot, Roger Birkbeck, M.A. ... ..	1911	cRice, David ... ..	1930
		cRigby, Herbert Richard ... ..	1922
cLaing, James Niven, B.Sc., M.B., Ch.B. ... ..	1914	Rigby, Wilfrid James, M.A. ... ..	1916
cLancaster, Stanley ... ..	1933	Riley, Henry Lindon ... ..	1898
cLangstaff, Harry Ferguson ... ..	1931	cRitchie, Isabel Marianne Crane ... ..	1922
cLansdale, William ... ..	1933	aRoberts, Frederick Richard, M.A. ... ..	1894
cLawton, John Hardy ... ..	1917	cRoberts, Harry Nicholas ... ..	1930
iLeathley, Samuel Arthur ... ..	1911	cRobinson, John Edgar ... ..	1916
Leese, Charles ... ..	1910	Robson, William Newby ... ..	1903
cLever, Denis Isambard ... ..	1931	Roger, Mrs. R. V. See Cooper, Marian	
cLever, Dorothy Rae ... ..		Rosenthal, John ... ..	1911
(Mrs. Hyman Stone) ... ..	1929	Ross, George Alexander ... ..	1902
cLever, Norman Harold ... ..	1933	cRubinstein, Arie ... ..	1928
cLevy, Joseph Benjamin ... ..	1933	Rushton, Herbert George ... ..	1903
cLewis, Joseph ... ..	1929	aRussell, Thomas George ... ..	1898
cListon, Aidan Pitfodels-Menzies ... ..	1929	cRyder, Gerard ... ..	1930
cLittlewood, Arthur ... ..	1933	Rylands, Reginald Victor ... ..	1912
Livsey, George ... ..	1893		
aLomax, James ... ..	1911	acSampson, Edward Joseph ... ..	1898
zLord, Walter Greaves ... ..		cSamuels, Edward ... ..	1922
(now W. Greaves-Lord) ... ..	1899	cSandler, Isidore ... ..	1926
Lord, Zachary Mellor ... ..	1903	cSaville, Stephen Ernest ... ..	1930
acLyster, Philip Stanley ... ..	1891	Scholfeld, Honor ... ..	1913
		Scott, Hubert Edward ... ..	1906
		aSeaton, James Richard ... ..	1888
cMcConnell, John William ... ..	1906	cSecoulov, Ivan ... ..	1922
cMacdonald, Eileen Agnes ... ..	1926	cSeddon, Robert Kersly ... ..	1930
Macfie, James ... ..	1905	Seed, George Percy ... ..	1911
cMack, Janet Evalene ... ..	1928	cShawcross, Cyril Wilfred ... ..	1930
Macnab, Stuart ... ..	1905	Sidebotham, Gerald ... ..	1917
cMarchington, John Mellor ... ..	1932	cSidebottom, Otho Nowell ... ..	1917
cMarshall, John Theobald ... ..	1921	cSimmons, Horace Lander ... ..	1927
Mason, Arnold Telford ... ..	1905	Simmons, Laurence Mark ... ..	1891
cMason, Beatrice Elizabeth ... ..		cSimpson, Eric Atchinson ... ..	1928
(Mrs. J. H. Gaunt) ... ..	1931	Simpson, John Harold ... ..	1904
cMason, Edward Brewster ... ..	1933	cgSmith, Richard Andrew, B.A. ... ..	1899
aMason, Joseph Arthur, M.A. ... ..	1886	Somers, Alexander Charles Crofton ... ..	1902
cMellor, Ernest ... ..	1909	Spafford, Christopher Howsin ... ..	1909
aMellor, Harold Porter, B.A. ... ..	1895	Stephens, Thomas Smithson ... ..	1904
Montmorency, Frederick Raymond de ... ..	1902	Stirling, Carl Ludwig ... ..	1911
cMoore, Denis ... ..	1930	Stone, Mrs. Hyman ... ..	
Moorhouse, Edward Albert ... ..	1899	See Lever, Dorothy R.	
Moxon, Paul Bouchier ... ..	1906	Storrs, James Parker ... ..	1914
cNeedham, Ellis Asbury ... ..	1928	Sutcliffe, Harry Peveril ... ..	1905
cNewton, Francis Donald ... ..	1932	cSykes, James ... ..	1902
cNewton, Francis Kay ... ..	1929	acTalbot, Edward, M.A. ... ..	1886
cNormington, Arthur Eric ... ..	1924	Taylor, Arthur Gilbert ... ..	1911
		cTaylor, George Percy ... ..	1927
Oakes, William John ... ..	1903	cTaylor, Josiah ... ..	1917
Oliver, Cyril Arthur ... ..	1907	cTaylor, William Cecil, B.A. ... ..	1923
Orford, Edwin Arthur ... ..	1891	cThistleton, Harry Stansfield ... ..	1930
Ormerod, Benjamin ... ..	1911	cThomas, John William, B.Sc. Tech. ... ..	1926
		Thomas, Robert William Hughes ... ..	1902
Pankhurst, Christabel Harriette ... ..	1906	Thompson, Fred ... ..	1907
cParker, William Ronald ... ..	1933	cThompson, William Gordon ... ..	1930
Parry, Hugh Lloyd ... ..	1898	Ting, Alexander Young, M.A. ... ..	1908
Parsons, Gilbert ... ..	1909	cTowns, Frederick William ... ..	1932
cParsons, Stanley ... ..	1903	Townson, Eric ... ..	1914
cPatterson, Arthur Norman ... ..	1932	cTurner, Frederick Bancroft, B.A. ... ..	1914
cPhilipp, James Denis ... ..	1932	Turner, Stanley Bancroft ... ..	1909
Pickles, Henry Thornton, M.A. ... ..	1913		
cPorter, Philip Sugden ... ..	1929	cUnsworth, Edgar Ignatius Godfrey ... ..	1929
aPostlethwaite, William Taylor ... ..	1899		
Price, Thomas ... ..	1902	Varley, John ... ..	1906
Procter, Harry, B.A. ... ..	1894	cVaudrey, Hugh John Kevlin ... ..	1914
cProcter, Margaret Heather ... ..	1930	cVerney, Harry, B. Conn. ... ..	1909
Proctor, William ... ..	1914		
		cWade, James Mervyn ... ..	1903
Quiggin, Arthur John ... ..	1900	cWalkden, Charles Gerald ... ..	1932

1 Principal of Belgrave College, Lytham.

2 Recorder of Manchester, Kt.

3 Chief Solicitor, Attorney General's Department, Alberta, Canada.

## LL.B.—continued.

	Date of Degree
Walker, George Edward ... ..	1904
cWalker, Harold Clegg ... ..	1922
cWalker, Kenneth Hamblett... ..	1932
Walley, Stephen Minshull ... ..	1905
cWalsh, Leslie ... ..	1924
cWalsh, Robert ... ..	1932
cWalsh, William Edmund Tillotson ... ..	1933
rWarhurst, William Henry ... ..	1914
acWatson, Charles Sydney ... ..	1893
Watson, Frederick William ... ..	1911
Webb-Johnson, Stanley. See Johnson, S. W.	
Webster, Herbert Walter ... ..	1906
cWelford, Philip Lawrence ... ..	1927
cWeston, John Hartley ... ..	1932
cWhallier, John ... ..	1916
cWhite, Cyril ... ..	1930
White, Francis ... ..	1912

	Date of Degree
cWhite, William ... ..	1913
Whitehead, William Marquis ... ..	1891
Whitfield, John Lawrence ... ..	1907
cWills, Frederick ... ..	1916
Wilson, G. P. F. See Frankenstein, G. P.	
cWilson, Gordon Cunningham ... ..	1931
Wilson, Leslie ... ..	1924
Witt, George ... ..	1913
cWood, Arthur Henry ... ..	1920
Wood, Rupert ... ..	1908
cWorth, Edward Lyttleton ... ..	1924
cWragg, Arthur Henry Windridge ... ..	1925
cWragg, Edmund Arthur Windridge... ..	1900
cYaffe, Jacob (now Jacob Jaffe) ... ..	1929
cYates, Edwin ... ..	1927
Yates, Ernest Cyril, M.A. ... ..	1904
Yates, George Wearden, M.A. ... ..	1903

## FACULTY OF MEDICINE.

## M.D.

For names of Graduates to whom the Gold Medal was awarded, see page 811.

Alcock, Richard ... ..	1894
cAllanson, Herbert Evelyn ... ..	1911
acAnnett, Henry Edward ... ..	1899
Appleton, Roy ... ..	1907
cArmstrong, Hubert ... ..	1900
cArnold, Miles Bracewell ... ..	1905
Ash, Alfred Edwin ... ..	1903
cAshcroft, George Vincent ... ..	1925
acAshton, George ... ..	1903
*cBailey, Kenneth Vernon ... ..	1924
ABamber, William Edward, M.Sc. ... ..	1911
cBatty, Richard John, B.Sc. ... ..	1932
cBeal, John Reginald ... ..	1927
*††cBearn, Frederic Arnot ... ..	1920
Beaver, Robert Atwood ... ..	1896
*cBennett, John George ... ..	1920
cBerry, Ronald Briers ... ..	1920
cBirtwhistle, Frederick Percy Hewetson ... ..	1909
cBlakely, Arthur Philip Lewis ... ..	1933
Bonser, Mrs. K. J. See Duthie, Georgina M.	
cBoul, William Thomas Garthorpe ... ..	1924
cBramwell, John Crighton ... ..	1923
cBride, John Webster ... ..	1919
cBride, Thomas Milnes ... ..	1909
acBrockbank, Edward Mansfield ... ..	1893
cBroomhead, Charles Herbert ... ..	1923
cBrothwood, Wilfred Cyril Vernon... ..	1932
Brown, George Herbert ... ..	1911
Brown, John ... ..	1889
cBrowning, Basil ... ..	1921
cByrce, Alexander Graham (now A. Graham-Bryce) ... ..	1913
cBuchanan, Robert James McLean ... ..	1889
Buckley, George Granville ... ..	1906
Buckley, James Charles ... ..	1894
Bury, George William ... ..	1914
cButterworth, John James ... ..	1904
acByers, Alfred ... ..	1902
acBythell, William James Storey... ..	1902
Bywater, Harry Howard ... ..	1911

cCapamagian, Andon Hovannes (now Anthony John Capper Magian) ... ..	1903
cCardwell, Mary Gertrude ... ..	1920
Chalmers, Albert John ... ..	1893
acChisholm, Catherine, B.A. ... ..	1912
acClarke, Andrew Campbell ... ..	1905
cClarke, Henry Reginald ... ..	1909
††Clegg, Sydney James ... ..	1924
3Clemesha, William Wesley ... ..	1904
acCoates, Harold ... ..	1901
Condon, Phyllis Marjorie ... ..	1925
Conway, Ruth Eden. See Conway-Verney, Ruth E.	
cConway-Verney, Ruth Eden (Mrs. E. B. Verney; graduated M.B., Ch.B., as Conway) ... ..	1923
cCook, Joseph Basil ... ..	1904
cCooper, Eugenia Rose Aylmer, M.Sc.... ..	1923
Coppock, Harold ... ..	1912
cCore, Donald Elms... ..	1910
Corke, Mrs. C. G. See Mitchell, Winifred H.	
cCorkhill, Joseph George Garibaldi ... ..	1901
Corson, James Frederick ... ..	1911
acCoutts, Francis James Henderson, B.Sc. ... ..	1898
cCowen, Samuel Tertius ... ..	1933
Craig, Colin McKean ... ..	1907
cCraig, Norman Stewart ... ..	1932
cCrake, Herbert Milverton ... ..	1909
cCrawshaw, John William ... ..	1920
Crocker, John Hadley ... ..	1894
Crompton, Harold James ... ..	1903
cCunha, Frank da (graduated M.B. as Francisco da Cunha) ... ..	1916
Cunliffe, Ernest Nicholson ... ..	1903
cDakeyne, Daniel Irving ... ..	1916
Davies, Charles Augustus ... ..	1899
Davies, John Harcourt ... ..	1902
cDavis, Abram Albert, Ch.M. ... ..	1933
cDawson, George Duncan ... ..	1909
ADesai, Umedram Lalbhai ... ..	1901
cDickinson, Thomas Edwin ... ..	1921

1 Town Clerk of Accrington.

2 Professor of Comparative Pathology in the University of Liverpool; M.O.H., Widnes Borough District Council.

3 Head of the Department of Public Health for the Presidency of Bengal, India.

4 Senior Medical Officer, Ministry of Health; C.B.

\* Awarded M.C.

† Mentioned in Despatches.

‡ Awarded D.S.O.

§ F.R.C.P.

|| F.R.C.S.

¶ O.B.E.

M.D.—continued.	Date of Degree		Date of Degree
Dixon, James Lowe Barton ... ..	1896	Ac Jones, Joseph ... ..	1906
Ac Dockray, John Snalley ... ..	1898	c Jordan, Norman Theodore Kingsley ...	1920
cr* Dougall, Daniel ... ..	1913	c   Kauntze, William Henry, B.A. ... ..	1921
Dow, James Fleming ... ..	1910	c Kelly, Archibald Claude ... ..	1927
c Duthie, Georgina May (Mrs. K. J. Bonser) ...	1923	Ac Kelynack, Theophilus Nicholas ... ..	1893
c Duthie, Ogilvie Maxwell ... ..	1924	AKerr, William James ... ..	1895
cf Dyson, William ... ..	1910	c Kilroe, Lawrence ... ..	1910
Ac Edwards, Arnold John ... ..	1895	c Lacey, Frank Hamilton ... ..	1912
Edwards, George Frederick ... ..	1891	Lakin, Robert ... ..	1910
c Egan, Margaret ... ..	1932	Landman, Abraham Judah (now Julian Landman) ...	1908
c Ellis, Reginald ... ..	1929	Landman, Julian. See Landman, A. J.	
† Ewart, Robert John, M.Sc. ... ..	1904	c*   Lapage, Charles Paget ... ..	1905
c Fairbrother, Ronald Wilson ... ..	1928	Laslett, Ernest Edward ... ..	1901
c Fairer, John Arnold ... ..	1916	Latham, Arthur William ... ..	1904
Falle, Mrs. H. de C. See Huxley, Frances M.		Laurence, Reginald ... ..	1902
c Ferguson, Fergus Robert ... ..	1924	Lea, Charles Edgar ... ..	1909
Ferguson, Ronald Leslie ... ..	1909	Leigh, George Hamer ... ..	1911
A Finney, Albert Ernest ... ..	1903	†† Ligertwood, Charles Edward ... ..	1897
c Fish, Eric Wilfred ... ..	1924	c Lightbody, John Henry ... ..	1893
Fletcher, Rowe Brennand ... ..	1906	c Linell, Eric Ambrose ... ..	1920
Ac Gamble, Mercier ... ..	1905	c Linford, Hilda Margaret ... ..	1930
Ac Garner, Charles ... ..	1902	c Livsey, William Edward ... ..	1903
A Good, James Percy ... ..	1901	ct Longridge, Charles John Nepean ... ..	1901
Gordon, Edward ... ..	1886	c Lord, Gilbert Brook ... ..	1925
Goulden, Edmund Albert ... ..	1905	c Luxton, Reginald William, B.Sc. ... ..	1932
Graham-Bryce. See Bryce A. G.		McDougall, Alan ... ..	1904
Greenhalgh, John Percival Handel ... ..	1905	c McIlraith, James ... ..	1906
Ac Greenwood, Alfred, B.Sc. ... ..	1900	c McKelvie, William Bryce ... ..	1927
c Griffith, Arthur Stanley ... ..	1901	MacLaren, James Alexander ... ..	1900
Guthrie, Mrs. G. L. See Hickson, Sylvia Kema		ct Macklin, Alexander Hepburne ... ..	1920
c Hall, Frederick ... ..	1925	c McNabb, Harry Horsman ... ..	1902
Ac Hall, Isaac Walker ... ..	1902	Magian, A. J. Capper. See Capamagian, A. H.	
Haworth, Henry Dean ... ..	1907	Marsden, Richard Walter, B.Sc. ... ..	1896
c Hay, John ... ..	1901	Marshall, Charles Bertram ... ..	1913
c Heald, Samuel Linley ... ..	1920	† Marshall, Charles Frederic, M.Sc. ... ..	1891
c Heathcote, Harold ... ..	1913	Ac Marshall, Charles Robertshaw ... ..	1899
c Hibbert, Cecil ... ..	1912	c Marshall, Frederic Nugent, B.Sc. ... ..	1931
Hickling, Gertrud Hermine Geiler (graduated B.Sc. as Gertrud H. Geiler) ...	1912	Martin, Arthur Francis ... ..	1905
c Hickson, Sylvia Kema (Mrs. G. L. Guthrie) ... ..	1926	c Martin, Harold Eric, M.Sc. ... ..	1930
Hill, William Bertram ... ..	1908	Martin, John Michael Harding ... ..	1892
c Hodgson, John Frederick ... ..	1903	c Mather, John de Ville ... ..	1906
c Holker, Jacob, D.Sc. (now John Holker) ...	1920	Miller, John Watterson ... ..	1903
Holker, John. See Holker, Jacob		c Mills, John ... ..	1927
Holmes, Arthur Hillyard ... ..	1914	c Mills, Nora ... ..	1933
c Hough, Cyril Dale ... ..	1924	c Mitchell, Winifred Harriett (Mrs. C. G. Corke) ...	1927
a§ Howarth, William James ... ..	1893	c Moffatt, Allen Brookes ... ..	1933
Hutchinson, James Randal ... ..	1911	cf§ Moore, Frederick Craven, M.Sc. ... ..	1898
c Hutchinson, Richard Cecil ... ..	1920	c Moore, Samson George Haydock ... ..	1905
c Hutton, Samuel King ... ..	1925	Moran, Peter ... ..	1911
c Huxley, Frances Mabel, B.Sc. (Mrs. H. de C. Falle) ...	1912	Moreton, Joseph, B.Sc. ... ..	1903
Johns, Alun Morris. See Jones, A. M.		Moritz, Manfred (now M. Morris) ... ..	1914
Johnson, John Mountfort ... ..	1897	ct Morris, Leslie ... ..	1928
c Jones, Alun Morris (now A. M. Johns) ...	1923	Morris, Manfred. See Moritz, M.	
		c Mort, George Cecil ... ..	1915
		c Moss, Lovell ... ..	1916
		c Mumford, Percival Brooke ... ..	1925
		Ac Needham, Richard Arthur, B.Sc. ... ..	1920

1 Professor of Obstetrics and Gynaecology in the University; Awarded M.C.; Awarded Croix de Guerre.

2 Professor of Pathology, University College, Bristol.

3 Officier de l'Instruction Publique; Médaille de la Reconnaissance Française; Médaille du Roi Albert; Medal of St. John.

4 Professor of Materia Medica in the University of Aberdeen.

5 Formerly Professor of Systematic Medicine in the University.

6 Assistant Director of the Indian Medical Service; Mentioned in Despatches (three times); C.I.E.; D.S.O.; Kt.

\* Mentioned in Despatches.

|| M.B.E.

¶ F.R.C.P.

† O.B.E.

†† Awarded D.S.O.

‡ F.R.C.S.

§ C.B.E.

‡‡ Awarded M.C.

M.D.—continued.	Date of Degree		Date of Degree
Nelson, Philip...	1902	cSmith, Wilson	1929
c*Newell, Robert Leech	1921	Smyth, John Cecil	1909
Newall, William Allwood	1900	cSomerford, Alexander Robert	1930
cNewton, Robert	1933	cSomerford, Annie Elizabeth	1924
Nixon, Herbert Thomlinson	1896	Spong, Ambrose	1912
cNuttall, John Ramsbottom	1931	Stansfield, Frederic Wilson	1900
cO'Neill, Charles Sefton	1907	cStent, Lois	1931
cOlliver, Thomas Herbert	1919	c  Stirling, William, jun.	1916
c  Ollerenshaw, Robert	1908	cStones, Hubert Horace, M.D.S.	1931
cOrmerod, Frank Cunliffe	1920	Stoney, William Walter	1895
Osborne, Harry	1902	c4Stopford, John Sebastian Bach	1915
		cSutherland, Donald McKay	1921
cPanton, John Allison, Ch.M.	1921		
Parakh, Framrose Ratanshaw	1910	cTaylor, George Lees	1930
cParkin, George Gray	1925	cThomas, Frederic Percival Selwyn	1922
cParkinson, Willie Howarth	1917	AcThompson, John Hilton	1888
cPaterson, Ronald Simpson	1928	Thompson, Mrs. John.	
cPayne, Olga Grace Mary, M.Sc.		See Royle, Elsie M.	
(Mrs. Payne-Chadwick)	1922	A5Thompson, Peter	1899
Payne-Chadwick, Mrs.		AThompson, Samuel Woodhouse	1905
See Payne, Olga G. M.		cThresh, John Clough	1896
Peach, Emily Marianne, B.A. (graduated		AcTierney, Thomas	1905
M.B., Ch.B. as Emily Marianne		cTitcombe, Roland Hereward	1911
Leeming)	1926	cTomlin, Herbert	1911
cPeirson, Thomas	1931	Trotter, Robert Hale	1901
c*Platt, Harry	1921	cTurner, Harold Midgley	1930
A.Pomfret, Henry Waytes	1889	cTurner, Richard Tunnis	1895
cPope, Samuel	1929	Turton, Edward B.Sc.	1903
Porter, Alexander	1914	Ac6Tylecotte, Frank Edward	1904
cPorter, Gerard Ford	1909		
AcRadcliffe, Frank	1897	cVeale, Frederick John de Coverly	1906
cRamage, Donald	1925	Verney, Mrs. E. B.	
c  Ramsbottom, Albert	1906	See Conway-Verney, Ruth E.	
AcRamsbottom, Charles Henry Geoffrey	1897		
cRatner, Edwin (graduated M.B., Ch.B.		cWalker, George Charles, Junior	1908
as Edme Ratner)	1933	cWalker, Thomas Warburton	1909
Rayner, Arthur Ernest	1909	Ward, Herbert Gibbons	1912
cRegan, Norah (Mrs. R. T. Wimmer)	1930	cWard, John Forbes	1920
AcRenshaw, Graham	1914	Warner, Charlotte Emma	1914
Ricketts, Charles Albert	1903	Wharton, Aileen	1913
cRoberts, Walter Morrell, D.Sc.	1925	c*White, Harry Vere	1915
cRobinson, Frank	1895	Whitehead, Henry	1911
cRobinson, Harry Armitage	1902	cWhitehead, Raymond, M.Sc.	1932
cRodgers, Frederick Millar	1913	Wilkins, Eric Maurice	1907
Ross, Stephen John	1903	cWilkinson, John Frederick	
Rothwell, Thomas Andrew	1899	M.Sc., Ph.D.	1931
cRoyle, Elsie Marsh		cWilliamson, Raymond, B.Sc.	1924
(Mrs. John Thompson)	1909	Wilson, Basil Mayor	1911
Russell, Harry William	1905	cWilson, Stanley Pierce, M.Sc.Tech.	1927
		Wilson, William, B.Sc.	1912
Saberton, Claude William Scott	1905	Wimmer, Mrs. R. T. See Regan, Norah	
cSandford, Cyril Ratcliffe	1919	A1Vindle, James Davenport	1899
cSawdon, Frank Reginald	1927	cWitts, Leslie John	1926
caShaw, William Fletcher	1906	Wood, James	1911
cSheehan, Donal, M.Sc.	1932	Wood, Martin Stanley	1911
cSheehan, Harold Leeming, M.Sc.	1931	c7Wood, William Henry, B.Sc.	1923
cSheehan, Kathleen	1931	c*   Woodall, Ambrose Edgar, M.Sc.	1911
cSheldon, Harold	1920	cWoodcock, Oswald Hampson	1918
c§Simcock, James	1893	cWoolham, Josiah Gilbert	1925
Simms, Harold	1906	Wrigley, Frank Graham	1912
3Smallman, Arthur Briton	1913		
cSmirk, Frederick Horace	1927	cYoffey, Joseph Mendel, M.Sc.	1928
cSmith, George Stewart	1931	Young, John Stirling	1911
cSmith, Vernon Turner	1922	cYoung, William Arthur Bruce	1915

1 Professor of Clinical Medicine in the University; Awarded M.C.

2 Professor of Clinical Obstetrics and Gynaecology in the University.

3 Deputy Assistant Director—General Medical Services; Awarded D.S.O.

4 Professor of Anatomy in the University; F.R.S.

5 Late Professor of Anatomy in the University of Birmingham.

6 Professor of Systematic Medicine in the University; F.R.C.P.

7 Derby Professor of Anatomy in the University of Liverpool.

\* F.R.C.S.

† F.R.C.P.

‡ Mentioned in Despatches.

§ M.B.E.

|| O.B.E.

¶ Awarded M.C.

†† Kt



## CH. M.

For names of Graduates to whom the Gold Medal (instituted 1912) was awarded, see page 811.

	Date of Degree		Date of Degree
cDavis, Abram Albert, M.D. ... ..	1931	ac*Ray, John Howson, M.B. ... ..	1896
c*Hughes, Ernest Ethelbert, M.B. ...	1912	c*Smith, Edward Archibald, M.B. ...	1909
cLambert, Victor Francis, M.B. ... ..	1932	*Thompson, Arthur Ralph, M.B. ...	1907
c*†Morley, John, M.B. ... ..	1911	*Warburton, Gilbert Bertram, M.B. ...	1913
cPanton, John Allison, M.D. ... ..	1925		

## M.B. AND CH.B.

cvan Aalten, Robert Scott ... ..	1921	Atkinson, Mrs. King	
cAbbatt, Philip Dilworth ... ..	1922	See May, Kate King	
cAbdoh, Noonan ... ..	1920	cAtkinson, Mary Whitehouse	
cAbraham, Richard Swanton ... ..	1927	(Mrs. G. S. Davison)	1922
cAdam, Robert Stuart ... ..	1924	Atkinson, Raymond Alexander Hannay	1904
Adam, Mrs. R. S. See Wilde, Jane M.		Aungier, Mark ... ..	1897
cAddey-Redfern, Arthur Reginald			
(now Redfern, A. R.)	1925	cBacon, William Basil ... ..	1923
cAdler, Samuel ... ..	1922	Badger, Walter Spencer ... ..	1896
Ainscow, Albert Edward ... ..	1910	cBagot, Frederick ... ..	1932
cAinscow, Cuthbert Blundell, B.Sc. ...	1932	cBagshaw, Henry Swinburne ... ..	1929
Ainscow, Herbert ... ..	1905	ABailey, James Harold ... ..	1861
Ainsworth, Granville ... ..	1906	Bailey, John Thomas ... ..	1901
†Ainsworth, Hugh ... ..	1895	cBailey, Sybil (Mrs. C. B. Martyn-Johns)	1918
cAlbinson, James Henry ... ..	1916	cBainbridge, Marion Lilian ... ..	1925
‡Alcock, Reginald ... ..	1893	cBaker, Anthony Harvard ... ..	1927
Alderson, George Pickles ... ..	1899	cBamford, Charles Horace ... ..	1925
Aldred, Charles Nunn ... ..	1923	Bamford, Thomas Fletcher ... ..	1897
Aldred, John White ... ..	1899	cBarber, Arthur Richard ... ..	1925
Alexander, David Alfred ... ..	1898	cBarber, Mercy Dora	
Alexander, David Moore ... ..	1901	(Mrs. Barber-Taylor)	1917
Alexandre, Mrs. See Cass, Kathleen L.		Barber-Taylor, Mrs.	
cAllan, Alexander ... ..	1929	See Barber, Mercy D.	
cAllan, Lily (Mrs. J. S. B. Stopford)	1914	Bark, Thomas Taylor ... ..	1899
Allen, John ... ..	1908	Barker, John Hampden ... ..	1888
Allen, Thomas Percy ... ..	1900	Barker, William Edward ... ..	1893
cAllison, Oswald Roy, B.D.S. ... ..	1913	cBarlow, Arthur ... ..	1923
cAlmond, Simon ... ..	1921	cBarnes, Richard Hibbert ... ..	1927
cAlmond, Thomas Henry ... ..	1918	Barnes, Mrs. R. H.	
Anderson, Arthur ... ..	1900	See McGowan, Kathleen	
Anderson, Edmund Basil Litchfield ...	1901	cBarnes, Roland, B.Sc. ... ..	1930
cAnderson, Francis Hessey ... ..	1920	Barnes, Walter ... ..	1912
cAnderson, John Keith ... ..	1926	cBarr, John Kenneth ... ..	1924
Anderson, Jonas William ... ..	1898	Barras, Mrs. H. P. See Doyle, Kathleen	
cAnderson, Nancy ... ..	1932	Barrett, Allan ... ..	1913
Anderson, William Jenkins Webb ...	1899	Barrett, Mrs. Allan. See Bentz, Ada L.	
Anderton, Edward William ... ..	1900	cBarritt, Martha Florence	
Anderton, John Westall ... ..	1904	(Mrs. T. H. Oliver)	1921
cAnderton, Reginald ... ..	1923	Bateman, James Alexander ... ..	1909
cAndrew, Samuel Smith ... ..	1932	Bateman, William Hirst ... ..	1897
Anstall, Harold. See Arstall, Harold		Bates, Herbert ... ..	1901
cAppleton, Frank ... ..	1926	Batten, Francis Joseph ... ..	1896
cAppleton, James Harold ... ..	1922	Battersby, John ... ..	1904
cAppleton, Sydney Kennaugh ... ..	1927	Bean, Kenneth Dobing ... ..	1911
‡Archer, George Eric ... ..	1916	cBeard, Harvey Johnson ... ..	1932
cArning, Dorothy, M.Sc. ... ..	1927	Beaver, Hugh Atwood ... ..	1891
Arnison, Thomas Wright ... ..	1896	Beckett, Arthur Denison, B.Sc. ...	1901
cAronovitch, Louise ... ..	1925	Beddoes, John Lewis ... ..	1901
cArstall, Harold (now Harold Anstall)	1927	cBeer, Adolphus Sharman ... ..	1932
Ashcroft, Edward Maynard ... ..	1902	cBegg, Elsie Cecilia ... ..	1922
Ashcroft, Mrs. G. V.		Benington, Philip ... ..	1900
See Burton, Lillie M.		Bennett, Bertram Marriott ... ..	1905
Ashe, Charles Septimus ... ..	1895	cBennett, Helen Gwendoline Mary ...	1926
Ashmore, Patricius Wallace ... ..	1904	cBennett, Henry Ward ... ..	1915
Ashion, Albert ... ..	1889	cBennett, John Barry ... ..	1922
Ashion, Daniel Aspinall ... ..	1900	Benson, Arthur Newton ... ..	1903
Ashworth, Frank Henry Staunton ... ..	1902	cBentham, Doris Heald ... ..	1922
cAshworth, Harold Kenneth ... ..	1925	cBentley, Frederic Herbert, B.Sc. ...	1929
acAshworth, Joseph Harold ... ..	1893	Benton, Graham Miles ... ..	1910
Atkinson, Estelle Irene Elgin		Bentz, Ada Lois (Mrs. Allan Barrett)...	1913
(Mrs. J. I. P. Wilson)	1910	Bentz, Frederick Colin ... ..	1913

1 Lieutenant-Colonel, Indian Medical Service.

\* F.R.C.S. † Awarded Cross of French Legion of Honour. ‡ F.R.C.P. § C.B.E. || F.R.C.S. (Edin).

M.B. AND CH B.—continued.

	Date of Degree
<i>Lerg, Eric Charles</i> ... ..	1921
cBernard, Doris ... ..	1928
cBernstein, Solomon ... ..	1927
cBernstein, Solomon ( <i>now</i> Burns, Sydney)	1925
Berry, Herbert Martin ... ..	1902
cBester, Pieter ... ..	1926
Bickerton, Reginald Ernest ... ..	1895
Bicknell, Arthur ... ..	1892
cBigham, Allan ... ..	1930
Billing, John Henry ... ..	1900
Bunns, George ... ..	1903
<i>Bird, Charles Thomas Grant</i> ... ..	1912
cBirkett, Arthur Noel, B.Sc. ... ..	1930
Birkett, Harold Metcalfe ... ..	1903
Bishop, George Harry ... ..	1896
cBlackburn, Robert Henry ... ..	1927
Blackburn, Mrs. R. H.	
<i>See</i> Turner, Olive de la W	
cBlades, Florence Muriel ... ..	1926
cBlakiston, May ... ..	1920
cBleakley, Nancy Ethel ... ..	1921
cBleasdale, Barbara Elizabeth ... ..	1930
Bleasdale, Robert ... ..	1896
Blease, Arthur Torkington ... ..	1902
Bligh, John Patrick ... ..	1903
*Blore, William Roy ... ..	1913
Boag, Frank Lough	
( <i>now</i> Frank Boag Leigh)	1905
cBoardman, Hedley ... ..	1929
cBodoano, Agnes Mary ... ..	1925
cBodoano, Margaret Mary ... ..	1931
<i>Bold, Henry Alfred</i> ... ..	1893
cBold, Leslie ... ..	1929
Bollans, Robert Wilfred ... ..	1897
cBolton, Norman William, B.Sc. ... ..	1925
Bolton, Thomas Boardman ... ..	1908
cBond, Lilian (Mrs. R. J. Owen) ... ..	1925
cBooth, Edith Marion ... ..	1929
cBooth, George Harry Hodgson, B.Sc. ... ..	1925
Booth, Norman ... ..	1909
Booth, William Seville ... ..	1914
<i>Boothroyd, Alexander</i> ... ..	1903
Boothroyd, Frank ... ..	1905
cBoullien, Mary Elford ... ..	1919
cBowden, Frances Hannah	
(Mrs. J. J. McKane)	1925
<i>Bowden, William James</i> ... ..	1894
cBower, Charles Edward Whitley ... ..	1924
cBowman, Bernard ... ..	1923
Bowman, George Frederick ... ..	1896
cBoyes, Kathleen Mary ... ..	1932
Boyle, Alan ... ..	1904
cBrade, Hilda Kathleen, M.Sc. ... ..	
(Mrs. S. G. Brade-Birks)	1917
Brade-Birks, Mrs. S. G.	
<i>See</i> Brade, Hilda K.	
cBradley, Dorothy May	
(Mrs. J. A. Jackson)	1927
Bradley, Neville ... ..	1903
cBradley, Wilfrid ... ..	1933
Bradley, William ... ..	1898
<i>1Braide, George Frederick William</i> ... ..	1886
*Braithwaite, Leonard Ralph ... ..	1903
cBramwell, Bernard Roy ... ..	1930
Brayne-Nicholls, George Edmund Eyre.	
<i>See</i> Nicholls, G. E. E.	
cBrennan, Henry Joseph ... ..	1927
cBrentnall, Charles Gordon ... ..	1910
cBrentnall, Edward Stanley ... ..	1913
Brentnall, Samuel Boyre ... ..	1901
cBridge, George ... ..	1926

	Date of Degree
<i>Bridge, Henry Nuttall</i> ... ..	1901
cBriercliffe, Rupert, B.Sc. ... ..	1910
Brierley, Wilfrid Edward ... ..	1904
Briggs, Walter ... ..	1902
<i>Brightmore, Harry Stenrals</i> ... ..	1894
cBrindle, Thomas Wynne ... ..	1933
<i>1Brindley, Albert Edward, B.Sc.</i> ... ..	1889
Broad, William Henry ... ..	1900
cBroadhurst, William ... ..	1923
<i>Bromhall, Charles Harry</i> ... ..	1903
cBromhall, Margaret Ann ... ..	1924
cBromley, John Frederick ... ..	1923
<i>Bromley, Mrs. J. F. See Walker, Sarah</i>	
Brook, Sydney Wilkinson ... ..	1894
cBrooks, Edward Hamilton ... ..	1928
cBrooks, John Edward ... ..	1915
cBrooks, John William ... ..	1927
cBrooks, Roger Ollivant ... ..	1929
Broughton, Alfred Galen Scheele ... ..	1900
cBrown, Arnold ... ..	1923
cBrown, Cedric Vipont ... ..	1924
Brown, Charles Richardson ... ..	1906
Brown, Elsie (Mrs. W. H. Hey) ... ..	1909
cBrown, George Lindor, M.Sc. ... ..	1928
Brown, Harry Mewburn ... ..	1896
cBrown, Henry ... ..	1901
cBrown, James Arthur Kinnear, B.Sc. ... ..	1929
Brown, James William Henry ... ..	1901
acBrown, John Percival ... ..	1900
cBrown, Stella Henderson ... ..	1924
Brown, Thomas ... ..	1903
cBrown, Thomas Austin ... ..	1924
<i>Brown, William Croumbie Treadwell</i> ... ..	1894
Brown, William McIntyre ... ..	1894
Brown, Mrs. <i>See</i> Smith, Eleanor P.	
<i>Browne, Percy Alfred</i> ... ..	1899
†Buck, Howard ... ..	1903
<i>Buckley, Agnes Neil</i> ... ..	1927
cBuckley, George Holden ... ..	1921
Budden, Charles William ... ..	1901
cBullough, Frances Gertrude	
(Mrs. C. Wilcocks)	1917
Bullough, Fred ... ..	1903
Bullough, William Arthur, M.Sc. ... ..	1909
ac†Burgess, Arthur Henry, M.Sc. ... ..	1896
Burkhard, Alexander Emil Albert	
( <i>now</i> A. E. A. Ivor)	1902
<i>Burnet, Robert, M.Sc.</i> ... ..	1900
Burnett, Mrs. Gerrard. <i>See</i> Pratt, Hilda	
Burnett, Thomas Gregory ... ..	1917
Burns, Sydney. <i>See</i> Bernstein, Solomon	
<i>Burns, Mrs. W. R. H.</i>	
<i>See</i> Thompson, Marjorie	
cBurton, Lillie Marguerite	
(Mrs. G. V. Ashcroft)	1927
cBurton, Louie Jardine (Mrs. Carlyle) ... ..	1927
<i>Bury, Frederic Charles</i> ... ..	1887
cButterworth, Alice Marjorie, B.Sc. ... ..	
(Mrs. F. W. Cundiff)	1928
Butterworth, Charles Edward ... ..	1911
<i>Butterworth, Robert Nelson</i> ... ..	1902
Byrd, Mrs. J. D. <i>See</i> Powell, Elizabeth C.	
<i>Byrne, John Scott</i> ... ..	1901
cCadman, Harold Carlier ... ..	1893
cCadness, Bessie Helena Edith, M.Sc. ... ..	1929
cCaithness, John Fraser ... ..	1926
Caldwell, Mrs.	
<i>See</i> Warburton, Margaret J.	
Callum, Harold Sidney Hill ... ..	1897
Calverley, William ... ..	1904

1 Late Lieutenant-Colonel, Indian Medical Service.

2 Professor of Clinical Surgery in the University.

\* Awarded M.C.

† F.R.C.S.

‡ O.B.E.

M.B. AND CH.B.—continued.	Date of Degree	Date of Degree	
Cambell, Archibald ... ..	1905	Cox, William Joseph ... ..	1905
Campbell-Horsfall, C. E. ... ..	1905	cCrabtree, Henry Victor ... ..	1926
See Horsfall, C. E. C.		Crabtree, Walter, B.Sc. ... ..	1899
Canter, William Hathin ... ..	1903	cCraig, Jenny Drennan ... ..	1924
Capper-Johnson, L. See Johnson, L. C.		cCraig, John ... ..	1899
Carlyle, Mrs. See Burton, Louie J.		cCraig, Patience ... ..	1932
cCarruthers, Christopher Frank Johnstone	1917	cCraigie, Hugh Brechin ... ..	1931
cCarter, George Bailey ... ..	1931	cCran, David Leslie, B.Sc. ... ..	1929
cCarter, Godfrey ... ..	1898	Craske, Mrs. F. W. T. See Wilson, Nellie	
Carter, James Bubier ... ..	1894	Craw, John Woodruffe ... ..	1914
cCarter, Nancy Narcisse		*Crawshaw, Charles Harold ... ..	1913
(Mrs. J. S. B. Forde)	1931	Crawshaw, Charles William ... ..	1900
cCasasola, Edith Mollie ... ..	1930	*Crawshaw, George ... ..	1908
cCass, Kathleen Lydia B.Sc.		cCrawshaw, James Wardle ... ..	1920
(Mrs. Alexandre)	1917	cCrawshaw, Samuel ... ..	1891
Catchpool, Mrs. E. St. J. P.		*Cregan, George Theodore ... ..	1910
See Wilson, Ruth A.		cCretney, Eric ... ..	1927
cCatlow, Elsie ... ..	1924	cCrichtley, Samuel Edward ... ..	1918
cCave, Alexander James Edward ... ..	1923	cCrompton, Gordon ... ..	1923
*Chadwick, Frank ... ..	1914	cCrook, John ... ..	1925
cChadwick, Hitchon ... ..	1916	cCrossley, Harry Newbold ... ..	1913
cChadwick, Theodore Herzl ... ..	1929	cCrowe, Philip Michael ... ..	1931
cChadwick, Vincent ... ..	1921	cCrowther, James Arnold ... ..	1924
cChadwick, William ... ..	1924	cCrowther, Joseph ... ..	1926
cChamberlain, Michael Arthur ... ..	1929	Cundall, Edward ... ..	1904
cCharnley, James ... ..	1917	Cundiff, Mrs. F. W.	
Charnock, Frederick Sutton ... ..	1913	See Butterworth, Alice M.	
cCheetham, David Hubert ... ..	1893	Cunha, Francisco da	
cChevasut, Robert ... ..	1916	See Cunha, Frank da, M.D.	
Childs, G. H. M. See Joseph, G. H.			
cChorlton, John Stuart ... ..	1915	Dalton, Joshua Bower ... ..	1905
Christian, Alexander Gladstone ... ..	1902	cDanby, Thomas Anyan ... ..	1925
cChristopher, William ... ..	1916	cDarbyshire, Douglas Edward ... ..	1895
††Christopher, Samuel Rickard ... ..	1896	cDarlow, Francis ... ..	1897
cCircuit, Edna ... ..	1933	cDavenport, John Aldersey ... ..	1903
Clarke, James Bertram ... ..	1897	†Davies, Arthur Vernon ... ..	1895
AClarke, James McFarlane	1885	cDavies, Arthur Warren ... ..	1932
Clay, Laurence ... ..	1903	Davies, Caleb ... ..	1910
AClegg, John Gray ... ..	1893	cDavies, Elizabeth Catherine	
cClegg, Sydney Fletcher ... ..	1924	(Mrs. T. E. Coope)	1919
cCliff, Marguerite Eleanor ... ..	1926	cDavies, Eric Boyd ... ..	1927
cClifford, Thomas Keith ... ..	1926	Davies, Herbert ... ..	1898
Clough, Ernest Walker ... ..	1922	cDavies, Mary Gwyneth	
cClough, Richard Kenneth ... ..	1933	(Mrs. R. H. Tootill)	1928
Coates, Richard ... ..	1903	cDavies, Mary Sievwright	
Cocker, James Fairbank ... ..	1911	(Mrs. J. B. Fulton)	1924
cCohen, Maurice Myer, B.Sc.Tech. ... ..	1932	Davies, Seymour Whitney ... ..	1901
cColeman, Albert ... ..	1923	cDavies, Thomas Edwin ... ..	1924
cCollar, Frederick Albertyn van ... ..	1920	Davies, William Edwin ... ..	1892
cColley, Richard ... ..	1916	cDavies, Eli, M.Sc. ... ..	1933
cColley, Thomas ... ..	1918	Davison, Mrs. G. S.	
cCollins, Arthur Ward ... ..	1886	See Atkinson, Mary W.	
cCompton, Edmund Leach ... ..	1893	Davison, Neville Hollingsworth ... ..	1918
Connolly, Dominic Ignatius ... ..	1909	Dawson, Charles Hollows ... ..	1901
Coogan, Thomas ... ..	1903	Day, Frank Herbert ... ..	1894
cCook, Bessie Evelyn ... ..	1923	cDeakin, Kenneth Vincent, B.Sc. ... ..	1920
cCoope, Geoffrey ... ..	1925	cDean, Winifred, B.Sc. ... ..	1930
Coope, Mrs. Geoffrey.		Deane, Arthur Maslen ... ..	1904
See Sheehan, Eileen		cDelaney, Noel Edward ... ..	1925
cCoope, Hubert Macgowan ... ..	1922	Denniston, William Cunningham, B.Sc.	1908
cCoope, Muriel (Mrs. E. E. Hughes) ... ..	1921	Depree, Sidney Smalbroke ... ..	1900
cCoope, Thomas Edwin ... ..	1921	cDerbyshire, Margaret (Mrs. J. O'Grady)	1922
Coope, Mrs. T. E.		cDevine, Stanley ... ..	1924
See Davies, Elizabeth C.		cDick, Harriet Mary ... ..	1926
Cooper, Emor Reuben ... ..	1901	§Dickinson, Harold Bertie ... ..	1893
ACooper, Percy Robert ... ..	1893	cDickinson, Kathleen ... ..	1925
cCorbett, Catharine Louisa ... ..	1905	§Diggle, Frank Holt ... ..	1909
cCort, Frank ... ..	1931	Dimond, John Lyn ... ..	1900
Cort, John Milton ... ..	1901	¶Dixon, Gerald Conroy ... ..	1912
Coventry, Charles ... ..	1896	Dixon, Harry Simm ... ..	1906
Cowan, John ... ..	1911	Dobson, Robert Thornley ... ..	1903
Cowin, Daniel ... ..	1900	Dottridge, Mrs. R. H.	
Cox, Edward Harvie ... ..	1903	See Sherry, Florence G.	

M.B. AND CH.B.—continued.

	Date of Degree
*†Douglas, William Robert, B.Sc. ... ..	1905
cDowling, Stephen Gerald John ... ..	1915
cDoyle, Kathleen (Mrs. H. P. Barras) ...	1919
cDrinkwater, Stanley Wilson ... ..	1921
cDruker, Jane ... ..	1931
cDuckworth, Florence Maude (Mrs. Ralph Edmondson) ... ..	1924
Duffy, Henry Carson ... ..	1914
Duggan, Norman ... ..	1911
Dunk, Harry ... ..	1898
cDunkerley, Benjamin, B.Sc. ... ..	1931
Dunkerley, Harry Atkin ... ..	1912
Dunlop, John ... ..	1889
Dutton, Edward Charles ... ..	1899
Dutton, Mrs. Harold See Youatt, Marjorie	
Dutton, Joseph Everett ... ..	1897
cDyson, Dorothy Mary Lawton (Mrs. Gawne) ... ..	1922
cDyson, Margaret (Mrs. C. D. Roff) ...	1926
ciEastham, Tom ... ..	1902
cEaston, William Cochrane Cairns ...	1916
cEastwood, Cyril Gravell, B.Sc. ... ..	1930
Eastwood, Kathleen Mary ... ..	1922
Eatock, Eric Richard ... ..	1911
cEccleston Charles ... ..	1924
cEdgill, Winifred Mildred ... ..	1921
cEdkins, John Roy Pierpoint, B.Sc. ...	1930
Edmonds, Arthur James ... ..	1903
cEdmondson, Ralph ... ..	1928
Edmondson, Mrs. Ralph See Duckworth, Florence M.	
cEdwardes-Evans, Caroline Margaret (Mrs. T. H. McLeod) ... ..	1921
cEdwards, Madge Elizabeth (Mrs. W. S. Whimster) ... ..	1925
cEdwards, Muriel Mary, B.Sc. ... ..	1927
Edwards, Norman Fox ... ..	1894
cEdwards, Norman Llewellyn ... ..	1923
Edwards, Mrs. N. L. See Simcock, Margaret	
cEl Aguizy, Aly Mahmoud ... ..	1920
Ellis, John William ... ..	1889
cEllison, Beatrice Lucie (Mrs. G. A. Renwick) ... ..	1922
cElwell, Edgar Graham ... ..	1930
cEmmett, Harold Edmund ... ..	1921
Emrys-Roberts, Edward ... ..	1902
cEvans, Leslie Francis ... ..	1925
cEvans, Mary ... ..	1925
cEvans, Philip Rainsford, B.Sc. ... ..	1933
Fairrie, Septimus Harold ... ..	1891
Falconer, Edwin Walter ... ..	1899
*Falconer, James Law ... ..	1903
cFarquhar, Joseph Douglas ... ..	1924
Faulkner, Mrs. S. H. See Whitrow, Florence	
cFay, Hugh Patrick ... ..	1922
Fay, Mrs. H. P. See Glancy, Anne H.	
cFay, Leo ... ..	1924
Fearnside, Philip Henry ... ..	1897
Fennell, Theodore Llewellyn ... ..	1901
Ferguson, Charles Henry ... ..	1899
cFerguson, Margaret Mary, B.Sc. ...	1930
*Ferguson, Philip ... ..	1906
cFerguson, Ronald Angus ... ..	1924
Ferris, Daniel Joseph ... ..	1901
Ferris, Robert Francis ... ..	1901
cFiddes, Joshua Coupe Thomas ... ..	1917

	Date of Degree
cFielding, Charles Roberts ... ..	1925
Fildes, Geoffrey ... ..	1913
cFildes, Walter Eric ... ..	1923
Fildes, Mrs. W. E. See Grant, Marjorie A.	
cFinkleman, Benedict, M.Sc. ... ..	1932
Firth, Arthur ... ..	1898
cFirth, Ernest ... ..	1926
cFirth, Stanley Joseph ... ..	1925
Fisk, Frederick William ... ..	1895
cFisher, Thomas Norman ... ..	1921
Flack, Frederick Henry ... ..	1900
cFleming, Alec ... ..	1926
Fleming, James Allison (Mrs. F. Lyall)	1907
cFleming, William Aloysius Joseph ...	1923
Fleming, Mrs. W. A. J. See O'Dea Marjorie M.	
Fletcher, Albert Herbert Bateson ... ..	1901
cFletcher, Beatrice Noel ... ..	1925
Fletcher, Francis Statham ... ..	1901
Fletcher, Hubert Middlecott ... ..	1899
Fletcher, John ... ..	1886
Fletcher, Joseph ... ..	1906
cFletcher, Joseph Henry ... ..	1922
cFlorentin, Miriam ... ..	1925
Floyd, Ernest William ... ..	1898
Floyd, James Edward ... ..	1902
cForbes, Alexander Gardner ... ..	1924
Forde, Mrs. J. S. B. See Carter, Nancy N.	
Forster, Robert Thomas ... ..	1901
*Forsyth, John Andrew Cairns, M.Sc. ...	1901
Fort, Charles Wainwright ... ..	1914
Fort, Henry Mellor ... ..	1906
cFoulds, Edward James, B.Sc. ... ..	1923
cFox, Frank William Whetton ... ..	1922
Fox, Henry Edward ... ..	1905
cFox, William Woolfe ... ..	1929
cFrancis, Douglas Ernest ... ..	1927
†Franklin, Charles Leopold ... ..	1906
cFranklin, George Herbert Massey ...	1931
cFreedlander, Isaac Harry ... ..	1926
Freshman, E. S. See Frischmann, E. S.	
cFrischmann, Edgar Samuel (now E. S. Freshman) ... ..	1922
Fullerton, Kathleen M. (graduated as Fullerton-Bailey)	
cFullerton-Bailey, Kathleen Mary (née Fullerton) ... ..	1921
cFulton, James Boyd ... ..	1925
Fulton, Mrs. J. B. See Davies, Mary S.	
Gandhi, Shivax Hormazhav ... ..	1907
Gandy, Edward ... ..	1908
Garif, Charles Corringham ... ..	1893
cGarif, Charles Forester ... ..	1926
Garlick, John Percy ... ..	1904
cGarnett, Evelyn Alice (Mrs. H. A. Lavelle) ... ..	1920
Garstang, Walter ... ..	1901
cGattie, Charles Hubert, B.Sc. ... ..	1932
Gawne, Mrs. See Dyson, Dorothy M. L.	
Gaye, Alan Willis ... ..	1911
cGeiler, Dorothy Anna, B.Sc. ... ..	1930
Golder, Gilbert Wright ... ..	1901
†George, William ... ..	1906
cGeraghty, William ... ..	1921
cGerard, Eric Arthur ... ..	1925
Gerard, Herbert Shaw ... ..	1913
cGibb, Alec Terris, B.Sc. ... ..	1915
Gibson, Ernest Augustine ... ..	1903
cGiles, Arthur Edward ... ..	1888

† Recorder of Oldham; K.C.

\* F.R.C.S.

† Awarded M.C.

## M.B. AND CH.B.—continued.

	Date of Degree		Date of Degree
cGiles, Kenneth Percival	1931	Hamner, Roland	1899
cGillbanks, Bryan Hardy	1932	cHamnett, Frederick George, B.Sc.	1920
cGilmore, Edward Raymond William	1916	cHancock, Arthur	1927
cGilmore, Eric St. George, B.Sc.	1926	cHandley, Richard	1922
cGimson, Olive Marjorie	1919	cHanlin, Tom Shaffleton	1925
cGirgis, Riad	1925	cHanna, Zaky	1927
cGlancy, Anne Howard (Mrs. H. P. Fay)	1924	cHarburn, Mary	1925
cGlazier, Eva Louise (Mrs. Roberts)	1916	cHarburn, Neville	1931
cGleaves, Edward, M.Sc., M.Ed.	1921	Harding, Percy Thorp	1903
cGlenn, Alan	1923	cHardman, Doris Mabel	1922
Glover, Vincent Joseph	1901	cHardman, Eric William	1930
cGold, Barnett	1932	cHardman, George Bowden	1928
<i>A Goldschmidt, Oscar Bernhard</i>	1897	Hardman, Richard Smith	1895
cGoldstone, Jessie	1931	Harris, Alfred	1891
cGoller, Judah Simon	1927	cHarris, Archibald	1919
Goodall, Joseph	1899	aHarris, Daniel Thomas	1914
Gordon, Reginald	1901	Harris, Mrs. D. T.	
Gorst, Raymond Barclay	1912	See Lomas, Clara A.	
Gould, Jay	1890	cHarris, Joshua	1920
Govaerts, Mrs. R.		cHarris, Wilfrid Herbert, B.Sc.	1929
See Jéhansart, Irma M. C.		Harris-Jones, Percival James	1906
*Gow, John	1909	Harrison, Edmund	1894
cGraham, Charles Lester	1912	Harrison, Harold	1912
cGraham, Florence Muriel Louise		Harrowell, Francis William	1901
(Mrs. J. L. Holt)	1920	Hart, Herbert Frere	1898
Graham, Walter	1897	cHart, Thomas Wheeler	1899
cGranger, Edgar	1915	Hartley, Frank	1907
cGrant, Marjorie Ainslie		Hartley, Harold	1897
(Mrs. W. E. Fildes)	1923	cHartley, John	1896
Grant, William Prince, M.Sc.	1904	Hartley, John Whittam	1904
cGratrix, William Henry	1921	cHaslam, James	1925
Gratton, Mrs. J. M.		Haslam, Robert	1906
See Rothwell, Annie		Hawke-Genn, B. See Stahlkecht, B.	
cGray, Charles Herbert, B.Sc.	1932	Hawkes, James Leonard	1903
cGreaves, Ernest Mewburn	1920	cHawkins, Frederick Seller	1926
Greaves, Frederick William Marshall	1904	Haworth, Albert, M.Sc.	1920
Green, Edgar Francis Stephen	1906	Hayes, Frederick William	1904
Green, James Howard	1890	cHayle, Geoffrey Hahnehan	1924
Green, John Hugh Cuthbert	1908	cHayward, George Eyes	1920
Green, Philip Halbert	1901	gHayward, William Davey	1893
Green, Philip Sydney	1911	Healey, John	1893
cGreenhalgh, Arthur	1892	cHealey, John Edridge	1899
Greenwood, Archer	1899	cHeap, Frank Leslie	1918
*Greenwood, Charles Henry	1899	Heapy, Harold Ernest	1903
Greenwood, John William	1901	cHeard, Ernest	1926
cGreenwood, Joseph Mellor	1929	Heathcote, Godfrey	1906
cGregory, Philip	1924	Heathcote, Henry Charles	1893
Gregson, Arthur Herbert	1902	<i>A Helm, William Alexander</i>	1900
Grey, Edgar	1911	Henderson, Henry Martyn	1897
Grierson, John Turner	1899	Henderson, William Savile	1899
Griffith, Frederick	1901	cHerbert, Amy Herminia	1927
acGriffith, William	1891	cHeslop, James Firth	1933
cGriffiths, David Lloyd, B.Sc.	1932	cHeslop, Thomas Stewart	1931
cGroves, Alexandra Winifred, B.Sc.		c††Hey, Wilson Harold	1905
(Mrs. S. L. Mucklow)	1928	Hey, Mrs. W. H. See Brown, Elsie	
cGuest, Dorothy	1927	cHeywood, Madge Elizabeth	
Hack, Frederick George	1901	(Mrs. Johnson)	1923
Haefield, John Kershaw	1931	cHeyworth, Albert Harold	1924
Hainsworth, John William	1894	Hickey, Walter	1901
Hall, Charles Richard	1900	cHiggins, James Basil	1919
cHall, Christobel Mary, B.Sc.		*Higgins, Thomas Twistington	1909
(Mrs. B. A. Taylor)	1929	Higson, Richard Woodward	1905
Hall, James Thomas Bridge	1907	AHill, Edward Falkner	1900
acHall, Joseph Percy	1895	cHill, Ruth (Mrs. MacLeod)	1921
cHall, William	1932	Hime, Edward Maurice	1898
cHalliwell, William	1915	Hime, Henry Charles Rupert	1899
cHalstead, James Ingham	1909	Hindley, John Chadwick	1899
Hammer, Harry, B.Sc.	1897	Hondshaw, James	1902
		cHirsh, Barnett	1925

1 Late Colonel, Indian Medical Service; C.B.E.

2 Professor of Physiology, London Hospital Medical College, University of London.

3 Professor of Medical Jurisprudence, Medical College, Calcutta.

\* F.R.C.S. † Awarded Cross of French Legion of Honour. ‡ O.B.E.

M.B. AND CH.B.—continued.

	Date of Degree		Date of Degree
<i>Hutchin, George Robert</i> ... ..	1903	<i>Jagger, John Radcliffe</i> ... ..	1914
<i>cHithersay, Geoffrey Dauntsey</i> ... ..	1907	<i>James, Matthew Benjamin</i> ... ..	1896
<i>Hodge, Hubert</i> ... ..	1903	<i>AcJeffery, Harry Foster</i> ... ..	1896
<i>AHodgkinson, Alexander, M.Sc.</i> ... ..	1902	<i>cJéhansart, Irma Melanie Catharine</i> (Mrs. R. Govaerts)	1920
<i>Hodnett, Mrs. J. O'B.</i> ... ..		<i>cJewson, Violet Mary</i> (Mrs. Herbert Palmer)	1902
See Tompkin, Doris M. R.		<i>c*§Johnson, Alfred Edward</i> (now A. E. Webb-Johnson)	1903
<i>cHolmes, Edward</i> ... ..	1924	<i>cJohnson, Edward Petgrave</i> ... ..	1928
<i>cHolmes, Evelyn Mary</i> ... ..	1923	<i>  Johnson, Frederick William</i> ... ..	1899
<i>cHolmes, Francis Burnand Grearæ</i> ... ..	1895	<i>cJohnson, James Frederick Earliam</i> ... ..	1933
<i>Holmes, William Smithson</i> ... ..	1902	<i>Johnson, John Anderton</i> ... ..	1902
<i>Holt, Henry</i> ... ..	1900	<i>Johnson, Lionel Capper</i> (now L. Capper-Johnson)	
<i>Holt, Joseph James Harrison</i> ... ..	1895	<i>cJohnson, May</i> ... ..	1925
<i>Holt, Mrs. J. L.</i> ... ..		<i>cJohnson, Percy George</i> ... ..	1924
See Graham, Florence M. L.		<i>Johnson, Samuel James Cecil</i> (later Cecil Webb-Johnson)	1903
<i>cHolt, Robert Lord</i> ... ..	1925	<i>cJohnson, Walter</i> ... ..	1925
<i>Hooper, Marshall, Junior</i> ... ..	1906	<i>cJohnson, William Crosby</i> ... ..	1901
<i>Hopper, Ashley Scott</i> ... ..	1903	<i>Johnson, Mrs. See Heywood, Madge E.</i>	
<i>Hopwood, Cecil Hutchinson</i> ... ..	1902	<i>cJohnstone, Marguerite Frances</i> ... ..	1921
<i>Horrocks, Mrs. F. S. See Kilroe, Jessie</i>		<i>Jones, Charles Owen</i> ... ..	1903
<i>cHorrocks, Frank Sutcliffe</i> ... ..	1919	<i>Jones, Clement Royds</i> ... ..	1893
<i>cHorrocks, George Barrowclough</i> ... ..	1915	<i>cJones, Emrys Lloyd</i> ... ..	1922
<i>AHorrocks, Herbert</i> ... ..	1890	<i>cJones, Ernest, M.Sc.</i> ... ..	1920
<i>Horsfall, Arthur Edward</i> ... ..	1900	<i>cJones, Frank Carlton</i> ... ..	1920
<i>Horsfall, Charles Edward Campbell</i> (later C. E. Campbell-Horsfall)	1899	<i>cJones, George Frederick</i> ... ..	1891
<i>cHorton, Winifred Langley</i> ... ..	1924	<i>cJones, Godfrey William</i> ... ..	1926
<i>House, Samuel Herbert</i> ... ..	1893	<i>cJones, John Arnold</i> ... ..	1903
<i>Howard, Arthur</i> ... ..	1903	<i>cJones, John Hargreaves</i> ... ..	1927
<i>Howard, John Albert</i> ... ..	1899	<i>cJones, Kenneth Huristope</i> ... ..	1897
<i>Howe, Ernest</i> ... ..	1909	<i>cJones, Leslie</i> ... ..	1930
<i>cHowe, Fanny (Mrs. A. D. Walwyn)</i> ... ..	1926	<i>Jones, Raymond John</i> ... ..	1901
<i>Howe, John</i> ... ..	1894	<i>Jong, Oscar Meyer de</i> (now G. H. Mackinnell Childs)	1914
<i>Howlett, Arthur Waltham</i> ... ..	1906	<i>Joseph, George Harold</i> ... ..	1903
<i>Howlett, Cecil George</i> ... ..	1908	<i>cJudson, Raymond, B.Sc.</i> ... ..	1933
<i>Howlett, Leslie William</i> ... ..	1911	<i>Judson, Wilfred Hyde</i> ... ..	1907
<i>cHowson, William Giles</i> ... ..	1924		
<i>Hoyle, Frederic</i> ... ..	1898	<i>cKahn, Bertha (Mrs. Jaffit)</i> ... ..	1923
<i>cHudson, John Newton</i> ... ..	1924	<i>AcKaufmann, Otto Jackson</i> ... ..	1889
<i>Huff-Hewitt, William Elisha</i> ... ..	1903	<i>cKaufmann, Phyllis Irene</i> ... ..	1924
<i>Hughes, Clement Alston</i> ... ..	1903	<i>cKay, Leslie Ward</i> ... ..	1923
<i>cHughes, Ernest Ethelbert, Ch.M.</i> ... ..	1904	<i>cKay, Thomas Joseph</i> ... ..	1926
<i>Hughes, Mrs. E. E. See Coupe, Muriel</i>		<i>cKay, William Whittle, M.Sc.</i> ... ..	1930
<i>cHughes, Ivor Meredith</i> ... ..	1928	<i>cKeddie, John Thomas Chalmers</i> ... ..	1925
<i>cHughes, William Gerald Hugh, B.Sc.</i> ... ..	1933	<i>cKelly, Julius Israel</i> ... ..	1922
<i>Hulme, Ernest</i> ... ..	1905	<i>*cKelly, Robert Ernest, B.Sc.</i> ... ..	1901
<i>Hulme, Ernest Copeland</i> ... ..	1900	<i>cKelly, Simon, B.Sc.</i> ... ..	1928
<i>cHumble, Elizabeth Greta</i> ... ..	1924	<i>*cKelsall, Robert</i> ... ..	1898
<i>Hunt, Arthur Douglas</i> ... ..	1903	<i>cKemp, David</i> ... ..	1924
<i>cHunt, John</i> ... ..	1926	<i>Kemp, James</i> ... ..	1901
<i>Hurter, David Garnett</i> ... ..	1897	<i>cKemp, James</i> ... ..	1927
<i>Hutchinson, Harry Fleming</i> ... ..	1913	<i>Kempsey, Harold</i> ... ..	1913
<i>Hutchinson, Mrs. H. F.</i> ... ..		<i>cKennedy, Alan Robert, B.Sc.</i> ... ..	1933
See Ramsden, Gladys H.		<i>cKent, Mary</i> ... ..	1922
<i>Idlerton, Frederick George Poll</i> ... ..	1904	<i>cKenyon, Alec Lomax, B.Sc.</i> ... ..	1930
<i>Illingworth, William Arthur</i> ... ..	1899	<i>cKenyon, James Douglas, B.Sc.</i> ... ..	1915
<i>cIngham, Arthur</i> ... ..	1922	<i>*Kilner, Thomas Pomfret</i> ... ..	1912
<i>Inman, Frederick William</i> ... ..	1898	<i>cKilroe, Harold Bernard</i> ... ..	1926
<i>*Irving, Hamilton</i> ... ..	1904	<i>Kilroe, Jessie (Mrs. F. S. Horrocks)</i> ... ..	1921
<i>Israëls, Martin Cyril Gordon, M.Sc.</i> ... ..	1932	<i>Kinton, Walter Gregory</i> ... ..	1904
<i>Ivor, A. E. A. See Burkhard, A. E. A.</i>		<i>cKirkbride, Charles Bernard</i> ... ..	1922
<i>†Jackson, Arthur Randall, M.Sc.</i> ... ..	1900	<i>cKirkham, Arthur Welsby</i> ... ..	1920
<i>Jackson, George</i> ... ..	1912	<i>cKitson, James Heyworth</i> ... ..	1926
<i>Jackson, Mrs. J. A.</i> ... ..		<i>cKletz, Norman</i> ... ..	1917
See Bradley, Dorothy M.		<i>cKnight, Barbara Mary</i> ... ..	1925
<i>cJackson, Kenneth Herbert</i> ... ..	1923	<i>Knight, Samuel Ratcliffe</i> ... ..	1891
<i>Jackson, Reginald Barnes</i> ... ..	1910	<i>Knowles, Robert Edward</i> ... ..	1903
<i>Jackson, Robert Ashton</i> ... ..	1910		
<i>Jackson, William Ferriday</i> ... ..	1897		
<i>Jaffit, Mrs. See Kahn, Bertha</i>			
<i>Jagger, Mrs. E. R. See Wild, Margaret</i>			

† Professor of Medicine in the University of Birmingham.

\* F.R.C.S.

† Awarded M.C.

‡ Mentioned in Despatches; C.B.E.

§ Awarded D.S.O.

|| O.B.E.

¶ C.B.

## M.B. AND CH.B.—continued.

Date of  
DegreeDate of  
Degree

cLabiebo, Kamil Maximus (formerly Kamil Maximus)	1915
Ladell, Robert George Macdonald	1902
cLaing, James Niven, B.Sc., LL.B.	1920
Lakin, Arthur Thomas	1897
Lambert, John Reginald	1897
cLambert, Victor Francis	1923
cLane, Ronald Rothwell	1921
Lane, Mrs. See Single, Margaret	
cLangford, Geoffrey Ferns	1925
cLapage, Geoffrey, M.Sc.	1916
*Laslett, William Henry	1911
cLauner, Nathan	1933
Lavelle, Mrs. H. A. See Garnett, Evelyn A.	
Lawrance, Milo Charles Shrieves	1909
Lawson, Alexander	1897
Lawson, Garnet Gloag	1897
Leach, James	1912
Leahy, Eugene	1913
cLeather, James	1920
Lee, Charles Howarth	1900
Lee, Harry Fox	1902
Lees, Clarence Gregory	1913
cLees, George Herbert	1920
Lees, John Ashton	1912
cLefaiive, Charles Dcnys	1930
cLeigh, Annie Theresa	1925
cLeigh, Arthur	1895
Leigh, Frank Boag. See Boag, F. L.	
cLeigh, Gertrude Bridget	1920
cLeigh, John Byron	1916
Leighton, Thomas William Parkinson	1904
Le Messurier, Eva G. (graduated as Le Messurier-Kneebone)	
cLe Messurier-Kneebone, Eva Gladys (née Le Messurier)	1921
Lempriere, Lancelot Raoul	1899
cLendrum, George MacCormac	1930
cLendrum, John Denis	1932
cLett, Hugh	1899
cLevine, Morris	1928
cLevy, Hyman Max	1923
cLilley, Arthur William	1896
Lindesay, Victor Edward Hugh	1894
Lindon, Ernest Hoxton Lorraine	1894
Linton, Stanley Fox, M.Sc.	1900
*Lister, Herbert Shaw	1901
cLivesey, Frank, B.Sc.	1931
cLloyd, Benjamin Layton	1916
Lloyd, William Gibbs, M.Sc.	1903
cLockhart, Frederic Ramsdale	1924
Lomas, Alfred	1898
Lomas, Clara Adeline (Mrs. D. T. Harris)	1914
Lomas, Emanuel Kenworthy	1908
†Lomas, Ernest Courtney	1888
cLomax, Harold Aloysis	1920
Longley, Joseph Alan	1902
cLongson, Edith Annie	1931
cLongworth, James Arnold	1928
cLongworth, John Pomfret	1931
Longworth, Joseph	1903
Lonsdale, Thomas William	1905
Lord, Robert Ellis	1889
Lovegrove, Frederic Thomas Alexander	1900
Lovell, Mrs. R. See Orrell, Alice M.	
Lowe, Charles Edwin Maximilian	1892
cLowe, Greta	1923

Lowe, Joseph Peter	1895
Lyall, Mrs. F. See Fleming, Jane A.	
cMacalpine, James Barlow	1907
McCarthy, Eugene Charles	1892
§McClatchey, Samuel Edward	1911
cMcClelland, William	1892
Macconnac, William Leonard	1902
McDonald, Neil	1909
McDougall, James Edlington	1894
acMcDougall, Percy	1894
McFall, John Edward Whitley	1899
cMacGill, Andrew Maxwell	1924
*MacGill, James Taylor Rogers	1904
cMcGowan, Alan Sinclair	1929
acMcGowan, James Sinclair	1889
cMcGowan, Kathleen. (Mrs. R.H. Barnes)	1927
McKane, Mrs. J. J. See Bowden, Frances H.	
Machennal, Henry	1897
Mackenzie, Hector	1904
Mackey, Charles	1901
McKinlay, James Gladstone	1914
cMackintosh, Annie Emily (Mrs. Miles Parkes)	1925
Mackintosh, Mrs. James See Taylor, Doris A.	
cMackintosh, Mary Isobel Chalmers	1929
MacLachlan, Mrs. See White, Julia C.	
cMcLean, Gladys Frances Agnes	1924
McLellan, Harold Scott	1902
McLeod, Mrs. T. H. See Edwardes-Evans, Caroline M.	
MacManus, Hugh Charles	1903
Macvane, Herbert James	1904
Maddocks, Mrs. J. R. See Stokoe, Lucy	
Mudgavkar, Vasantrao Dinanath	1907
Maffin, Harry	1903
‡Mahamadi, Saeed (now S.S. Mohanedi)	1909
Main, David William	1896
cMaizels, Gerald	1931
Mann, John Carl, B.Sc.	1901
cMarch, Gordon Humphrey	1925
Marsden, Edith Maude (Mrs. Tindal-Robertson)	1909
Marsden, Joseph Thomas (later Thomas Marsden)	1895
Marsden, Thomas. See Marsden J. T.	
cMarshall, Cornelius Theobald	1925
Marshall, Frank Edgar	1897
cMarshall, Jean McDougall (Mrs. J. C. C. Poole)	1927
¶Marshall, John Dodds	1905
Marshall, William Percy, B.A.	1908
cMarson, Edward Ault	1925
Martin, Ernest Jackson	1899
Martin, John Graham	1896
*Martin, Thomas Whittle	1912
Martin, William Whittle	1908
Martin, William Young, jun.	1904
cMartland, Edward Norman Platt	1917
cMartland, William Lionel	1921
Martyn-Johns, Mrs. C. B. See Bailey, Sybil	
Mason, John Harold	1897
cMason, William Edward	1920

\* Awarded M.C.

† Awarded D.S.O., 1901, for services at Ladysmith in the South African War; C.B.

‡ F.R.C.S.

§ Awarded Serbian Order of St. Sava, 5th Class; Mentioned in Despatches.

|| M.B.E.

¶ Awarded D.S.O.

M.B. AND CH.B.—continued.

	Date of Degree
Mathwin, Frank Sirett ... ..	1894
Matthews, Craufurd Tait ... ..	1903
Matthews, Newton ... ..	1911
Mawdsley, Henry Aloysius ... ..	1898
Mawdsley, Joseph Bentley ... ..	1892
Maximus, K. <i>Graduated as Labiebe</i>	
Jay, Kate King (Mrs. Atkinson) ... ..	1914
May, Mabel Eliza ... ..	1911
cMeachun, George Leslie ... ..	1922
Mehta, Sumant Batukram ... ..	1901
Melling, William Thomas ... ..	1898
cMengershausen, Hubert Methley von ... ..	1915
<i>Mercer, Richard Hubert</i> ... ..	1906
Mercer, Thomas Unsworth ... ..	1894
cMerrall, Harry ... ..	1889
cMetcalfe, George ... ..	1927
<i>Middleton, Basil Charles</i> ... ..	1900
Middleton-West, S. H. <i>See</i> West, S. H.	
Midgley, Patrick Haworth ... ..	1912
Miller, Edwin Swainson ... ..	1893
Miller, Jane Craig ... ..	1911
cMiller, John Stanley ... ..	1928
Miller, Thomas Henry ... ..	1895
cMills, Clifford Townsend ... ..	1926
cMills, Simon ... ..	1931
Milne, John ... ..	1898
<i>Minsall, Ernest Ditchfield</i> ... ..	1894
cMitton, William Donald ... ..	1925
Moffet, William Percy ... ..	1907
Mogg, Mrs. G. C. F.	
<i>See</i> Thompson, Annie G.	
Mohamed, Saeed Shamsuddin.	
<i>See</i> Mahamadi, S.	
Moir, John Lowndes ... ..	1908
cMoll, Gilles Steyn de Wet ... ..	1926
Molyneux, Edward ... ..	1889
Monks, Ernest ... ..	1896
Mooney, John ... ..	1897
Moore, Harold Etrick ... ..	1904
Moore, Samson Courtenay ... ..	1898
cMoorhouse, Charles Herbert ... ..	1897
cMorgenstern, Louis ... ..	1923
c*Morley, John, Ch.M. ... ..	1908
cMorris, Ethel ... ..	1925
cMorris, Joseph Chappel, B.Sc. ... ..	1933
cMorris, Thomas Glynn ... ..	1896
Morrison, Frederick Alexander ... ..	1900
Morrison, William Harold ... ..	1900
Morton, Armitage ... ..	1899
Mosley, Robert Vyvian Acton ... ..	1903
Moss, Arthur James ... ..	1884
cMottershead, William ... ..	1925
cMucklow, Stuart Leslie ... ..	1925
Mucklow, Mrs. S. L.	
<i>See</i> Groves, Alexandra W.	
Mulholland, Daniel Joseph ... ..	1903
AcMurgatroyd, Alfred ... ..	1892
cMurray, John William ... ..	1928
Murray, Stuart ... ..	1904
AcNeild, Newman ... ..	1896
cNelson, Cecil ... ..	1921
<i>Nesfield, Richard Webster</i> ... ..	1893
cNewton, Allan Cameron ... ..	1922
Newton, Frank Leslie ... ..	1913
cNewton, William Henry, M.Sc. ... ..	1929
AcNichol, Reginald Stuart ... ..	1900
Nicholls, George Edmund Eyre ( <i>now</i> Brayne-Nicholls, George Edmund Eyre)	1909
Nicholls, Mrs. M. F.	
<i>See</i> Schuster, Norah H.	

	Date of Degree
cNicholson, John Campbell ... ..	1930
cNicholson, William Alan Butler, B.Sc. ... ..	1932
Nicholson, William Leathley ... ..	1913
<i>Nicholson, George Snyder</i> ... ..	1896
cNickerson, William Henry Snyder ... ..	1896
Nightingale, Roland ... ..	1906
cNightingale, Roland ... ..	1933
Nightingale, Wilfrid ... ..	1907
Nixon, John Pollock ... ..	1893
<i>Nolan, John Aloysius Joseph Gough</i> ... ..	1919
cNorman, Doris Barbara ... ..	1920
cNormington, Arthur Edward ... ..	1896
cNormington, George Lee ... ..	1927
cNowell, Stanley ... ..	1928
Nuttall, John Stanley Wardleworth ... ..	1903
Nuttall, William ... ..	1890
cOberdorfer, Alice	
(Mrs. W. Stewart Stalker, 1907	
O'Brien, Mrs. D. W. <i>See</i> Scanlon, Agnes	
cO'Brien, Terence ... ..	1920
cOckman, David ... ..	1930
cO'Dea, Marjorie Miriam	
(Mrs. W. A. J. Fleming, 1923	
cO'Donnell, Kathleen ... ..	1918
O'Grady, Mrs. J.	
<i>See</i> Derbyshire, Margaret	
cO'Hagan, John Joseph ... ..	1893
Oliver, Mrs. T. H.	
<i>See</i> Barritt, Martha F.	
cO'Loughlin, Herbert John ... ..	1930
<i>O'Meara, John Frederick Cooke</i> ... ..	1915
AO'Neill, Thomas ... ..	1899
Oppenheimer, Frank ... ..	1912
cOrmerod, Edwin Ronald ... ..	1919
cOrrell, Alice Maria (Mrs. R. Lovell) ... ..	1924
cOsborne, Rowland Percy, B.Sc. ... ..	1927
cOwen, Robert Johnstone ... ..	1925
Oyston, William Fletcher ... ..	1898
cPalin, Hubert Culliford ... ..	1933
cPalmer, Harold Anstruther ... ..	1927
Palmer, Mrs. Herbert.	
<i>See</i> Jewson, Violet M.	
Pare, Henry Burton ... ..	1905
cParker, Richard Wilfred ... ..	1923
Parker, William ... ..	1902
cParkes, Miles ... ..	1923
Parkes, Mrs. Miles	
<i>See</i> Mackintosh, Annie E.	
Parkinson, Arthur Stanley ... ..	1900
cParkinson, John Scholes, B.Sc. ... ..	1932
<i>Parkinson, William Hoyle</i> ... ..	1910
cParness, Joseph ... ..	1926
Partridge, Arthur John* ... ..	1892
Paterson, Alexander Salton ... ..	1914
cPaterson, Malcolm Clark, B.D.S. ... ..	1917
cPattysen, James Harold ... ..	1929
Peake, Henry Gilbert ... ..	1911
cPearce, Raymond Maplesden ... ..	1925
cPearson, Archer ... ..	1925
cPeirson, Thomas ... ..	1924
cPendlebury, Richard ... ..	1926
cPennan, Henry ... ..	1925
cPeringuey, Louis Corstorphine ... ..	1927
cPerry, Marion Winifred ... ..	1932
cPerry, Nesta Helen (Mrs. Perry Wells) ... ..	1916
Phillips, Ethel Margaret, M.Sc. ... ..	1905
cPhillips, Gerald Judah, B.Sc. ... ..	1930
<i>Pickering, Stanley</i> ... ..	1898
cPickett, Francis Lionel ... ..	1919

\* F.R.C.S.

† Awarded Cross of French Legion of Honour.

‡ Awarded V.C. for gallant conduct at Wakkerstroom (South Africa), 1900; C.M.G.; C.E.

§ M.B.E.



## M.B. AND CH.B.—continued.

Date of  
Degree

cPiggott, Ellis ... ..	1919
cPiggott, Harry ... ..	1926
cPilcher, Archibald McLelland ... ..	1897
cPillifant, Mrs. See Robinson, Marjorie	
Pimblett, Cedric ... ..	1910
Pitt-Taylor, Francis Stanhope ... ..	1897
Place, Mrs. Turner. See Turner, Mary I.	
cPlatt, Akkey Bamber ... ..	1917
Platts, Sydney ... ..	1902
cPlowright, Geoffrey Ewen ... ..	1929
Pollard, Perrival ... ..	1903
Pollard, Percy Lund ... ..	1906
cPonifret, Arnold Ashworth ... ..	1922
Poole, Mrs. J. C. C.	
See Marshall, Jean McD.	
Popple, Thomas Mills ... ..	1909
*Porter, Robert Nuttall ... ..	1904
Porter, Thomas ... ..	1889
cPotter, Leslie Sharr ... ..	1921
cPotts, Dorothy ... ..	1916
Potts, Matthew Bertram ... ..	1906
cPowell, Elizabeth Caroline, M.Sc.	
(Mrs. J. D. Byrd)	1917
Powell, Winston Elias ... ..	1921
cPownall, Margaret ... ..	1921
cPoyser, Ronald Herbert ... ..	1926
cPratt, Hilda (Mrs. Gerrard Burnett) ... ..	1922
cPrentice, Mary Isabel ... ..	1926
Prestwich, John ... ..	1897
Priestley, Arthur Henry ... ..	1901
Pritchard, Frank ... ..	1897
cProsser, Leslie John ... ..	1924
Pugh, Thomas Freer ... ..	1901
*Quine, Albert Edward ... ..	1906
cRacker, Dudley Clifford ... ..	1933
cRacklyeff, George Harold ... ..	1927
Radcliffe, Adolphus Harold ... ..	1903
Radcliffe, Percy Alexander Hurst ... ..	1901
*Radley, Sidney Bertram ... ..	1911
Rainford, George ... ..	1907
Ralphs, Frank Gerald ... ..	1904
cRamage, Gerald, B.Sc. ... ..	1931
†Ramsbottom, James ... ..	1909
Ramsden, Gladys Hilda	
(Mrs. H. F. Hutchinson)	1913
ARamsden, Henry Kay ... ..	1891
acRamsden, Herbert ... ..	1890
ARamsden, William Bates, B.Sc. ... ..	1903
Rawes, Charles Kinsman ... ..	1891
ac*Ray, John Howson, Ch.M. ... ..	1894
*Rayner, Henry Herbert ... ..	1901
cRead, Florence Carlyle ... ..	1933
Redfern, A. R.	
See Addey-Redfern, A. R.	
Rednaond, Charles Henry Stennett ... ..	1906
Reed, John Arthur ... ..	1899
cReekie, Marian Maxwell	
(Mrs. A. R. Somerford)	1929
cReekie, Marjorie (Mrs. J. F. Ward) ... ..	1926
Reid, Alexander, B.Sc. ... ..	1911
cReid, Harriet Rowland Louise ... ..	1921
Reid, Mrs. J. M. See Scott, Kate B.	
ARenshaw, John Harold ... ..	1895
Renwick, Mrs. G. A.	
See Ellison, Beatrice L.	
cReynolds, Francis ... ..	1925
Rhnd, Alexander Low ... ..	1897
cRich, Louis ... ..	1933
cRichards, David Arthur ... ..	1930
Richardson, Wilfred Henry ... ..	1899
cRichmond, Arthur ... ..	1902

Date of  
Degree

cRickards, Charles Edward Bernard ... ..	1932
cRickards, Joseph, B.Sc. ... ..	1905
cRidgely, Nora ... ..	1927
cRigby, John ... ..	1915
cRigby, Walter Chaloner ... ..	1891
Rigby, William ... ..	1900
Rign, James Rowland ... ..	1911
cRiley, Albert ... ..	1924
cRiley, Edward ... ..	1930
Rimmer, John Faulkner ... ..	1896
Roberts, Edmund Cleaton ... ..	1901
Roberts, Mrs. See Glasier, Eva L.	
Robertson, Robert ... ..	1907
Robertson, Thomas Postlethwaite ... ..	1913
cRobinson, Brian Powell ... ..	1930
Robinson, Frank ... ..	1904
Robinson, Frederick Gardner ... ..	1887
cRobinson, George Twemlow ... ..	1923
cRobinson, Joan ... ..	1925
cRobinson, Marjorie (Mrs. Pillifant) ... ..	1923
cRobinson, Marshall ... ..	1927
Rodger, Douglas ... ..	1907
cRoff, Charles Daniel ... ..	1926
Roff, Mrs. C. D. See Dyson, Margaret	
cRosenstone, Abram ... ..	1922
cRosenthal, Harry ... ..	1921
cRosenthal, Leonard ... ..	1926
Ross, John Stuart ... ..	1896
Ross, William Hodgson ... ..	1907
cRostron, Constance Mary, B.Sc. ... ..	1932
cRothwell, Annie (Mrs. J. M. Gratton) ... ..	1921
Rothwell, John ... ..	1913
cRothwell, Thomas William ... ..	1925
Rothwell, Wilfrid Edwin ... ..	1903
cRowley, Stuart Lichfield ... ..	1928
cRowling, Samuel Thompson ... ..	1896
Roy, John Allan Chisholm ... ..	1903
Russell, George Herbert Heywood ... ..	1906
Russell, John Russell Brodie ... ..	1914
cRyan, Sydney Hamilton ... ..	1904
cSadek, Abd El Hamid ... ..	1919
cSagar, Martin Raymond ... ..	1925
cSagar, Walter ... ..	1933
Salisbury, Francis Hugh ... ..	1903
cSandiford, Brian Ratcliffe ... ..	1926
§Sandiford, Hugh Arthur ... ..	1914
cSandler, Bernard ... ..	1930
Sankey, William ... ..	1898
Saville, Edwin ... ..	1901
Sawdon, George Ernest ... ..	1911
cSchill, Eleanor Beatrice	
(Mrs. C. E. Sykes)	1927
ASchofield, Cusack Roney ... ..	1900
Schofield, Francis William ... ..	1902
cSchofield, John ... ..	1933
Schofield, Harry ... ..	1900
cSchuster, Norah Henriette	
(Mrs. M. F. Nicholls)	1918
cSchwartz, Louis Jacob	
(now Shaw, Louis Jack)	1918
*Scotson, Frederick Charles ... ..	1894
cScotson, Frederick Hector ... ..	1922
Scott, Herbert Ainslie ... ..	1895
†Scott, James Bethune ... ..	1911
Scott, John Edmund Haigh ... ..	1899
cScott, Kate Barron (Mrs. J. M. Reid) ... ..	1923
cScully, John ... ..	1931
cSeaton, Agnes (Mrs. D. W. O'Brien) ... ..	1923
Seaton, Douglas ... ..	1894
cSeed, Neville Francis ... ..	1925
cSewell, Edward James Bernard ... ..	1929
cShaffer, Raphael, B.Sc.Tech. ... ..	1925
cShannon, James Webster ... ..	1891

\* F.R.C.S.

† O.B.E.

‡ Awarded M.C.

§ M.B.E. || Mentioned in Despatches.

¶ Awarded M.C. and additional bar; Mons Star.

M.B. AND CH.B.—continued.

	Date of Degree
cSharp, George Cyril	1923
acShaw, George Hedley	1901
cShaw, Harold Frederick	1923
cShaw, John Hepworth	1891
Shaw, John Vincent	1895
Shaw, Louis Jack. See Schwartz, L. J.	
cSheehan, Brendan, B.Sc.	1932
cSheehan, Eileen (Mrs. Geoffrey Coope)	1924
cSheehan, Gerald	1920
cSheehan, Maurice, B.Sc.	1926
Sheldon, John Henry	1897
cShepley, William Hadfield	1925
cSheppard, Evelyn Irene Margaret	1928
cSheppard, Ronald Freer	1928
cSherry, Florence Gertrude (Mrs. R. H. Dottridge), now Sherry-Dottridge, Florence G.	1920
Sherry-Dottridge, Florence G.	
See Sherry, Florence Gertrude	
cShosberg, Jacob	1917
cShosberg, Joseph	1925
cShosberg, Nathan, B.Sc.	1933
Silvester, Charles Edward	1899
cSimcock, Margaret (Mrs. N. L. Edwards)	1923
cSimmons, Dorothy (Mrs. H. C. Smith)	1924
cSimmons, Harry Teasdale, B.Sc.	1924
Sims, John	1924
cSingle, Margaret (Mrs. Lane)	1921
Sissons, Arthur Tinley	1898
Skinner, James Macgregor	1903
cSlack, Arthur Birtles	1924
Slack, John Radley	1911
Slater, Harry	1907
cSlater, Robert	1924
cSlater, Walter Sunter	1926
*Slinger, Robert Townley	1903
†Smalley, Arthur Ashton	1909
Smalley, James	1905
cSmiley, Agnes Gilmour	
(Mrs. Albert Stubbs)	1925
c†Smith, Edward Archibald, Ch.M.	1896
Smith, Mrs. E. G. See Urmsion, Vera	
cSmith, Eleanor Purser (Mrs. Brown)	1922
cSmith, Henry Charles	1924
Smith, Mrs. H. C. See Simmons, Dorothy	
Smith, Herbert Sidney	1894
Smith, James Ecksley	1897
Smith, James Fletcher	1904
cSmith, James Willoughby	1921
cSmith, John Charles, B.Sc.	1931
cSmith, Maurice Wolstenholme	1930
acSmithard, Walter Reginald Norman	1901
cSmyth, George Geoffrey Evanson	1931
Snape, Harold	1899
*††Sneath, Wilfrid Archer	1910
cSnowdon, Constance	
(Mrs. Frank Whittaker)	1920
Somerford, Mrs. A. R.	
See Reekie, Marion M.	
cSouthern, Walter Graham	1923
Southwell, Vincent	1907
cSouthworth, Henry	1922
Sparrow, Lancelot William	1912
cSpeight, Alice, B.Sc.	1931
Spencer, Edward	1893
Spink, Walter Lee	1895
Spurway, Harold	1907
Stacey, William Wragley	1910
cStafford, Harry	1921

Stahlknecht, Bernard	
(now B. Hawke-Genn)	1896
Stalker, Mrs. W. S. See Oberdorfer, Alice	
Stallard, Charles Marshall	1913
Stallard, John Prince	1911
cStansfield, Harry	1898
cStarkie, Colin, B.Sc.	1932
cStarr, Donald	1926
Steele, Percy Kingsley	1903
cStenhouse, Geoffrey Balfour	1923
cStenhouse, Graham	1925
cStephen, Florence Violet, M.Sc.	1926
Stephens, John Harding	1901
ar*§†Stephenson, John	1893
Steward, J. See Steward, J. V.	
Steward, John Vincent	
(now John Steward)	1908
Stewart, Roger Papillon	1912
Stocks, Arthur Vernon	1913
Stocks, Percy	1913
cStokoe, Lucy (Mrs. J. R. Maddocks)	1927
cStone, Barnet	1931
Stopford, Mrs. J. S. B. See Allan, Lily	
cStott, Charles Frederick, B.Sc.	1929
Stott, William Atkinson	1901
Stowell, Gruner	1892
cStrange, Muriel Nevill	1932
cStrauss, Joel Nathan	1933
cStruthers, John Henry	1922
Stubbs, John Albert	
See Smiley, Agnes G.	
cStubbs, Jane Bowden	1925
cStubbs, Reginald Frank	1928
Sugden, Frank	1903
cSuguit, Bertram	1904
Sutcliffe, Joseph Herbert	1901
Sutherland, Robert	1897
cSutton, Isaac, B.Sc.	1931
cSutton, Simon	1932
cSwindells, Raymond Herbert	1903
cSwindells, Scott Wallis	1902
cSykes, Charles Ernest	1927
Sykes, Mrs. C. E. See Schill, Eleanor B.	
cTaggart, Joseph Scott	1895
†Talbot, Ernest	1913
cTalbot, Geoffrey, B.Sc.	1923
*Talbot, Philip	1904
Tansley, Harold Glendower	1901
Tattersall, Norman	1909
acTattersall, William Hartley	1899
cTaylor, Alan	1929
Taylor, Mrs. B. A.	
See Hall, Christobel M.	
acTaylor, Charles Barrie	1892
cTaylor, Dons Adeline	
(Mrs. James Mackintosh)	1920
cTaylor, Frank Edward, M.A., M.Sc.	1897
Taylor, George	1902
cTaylor, Harry	1917
A Taylor, James Henry	1892
cTaylor, Samuel Norcross	1921
cTeare, John	1890
Teasdale, John Camidge	1903
cTerry, Herbert	1900
cThomas, Alfred	1927
cThomas, Joseph Kelsall	1925
Thomas, Thomas Jones	1890
Thompson, Alfred Francis	1903

† Late Principal of the Government College, Lahore, and late Vice-Chancellor of the Punjab University.

\* F.R.C.S.

† Awarded M.C.

‡ Mentioned in Despatches.

§ F.R.S.

¶ C.I.E.

M.B. AND CH.B.—continued.	Date of Degree	Date of Degree	
cThompson, Annie Gladys (Mrs. G. C. F. Mogg)	1919	cWalmsley, William Claud Dudley ... 1926	
*†Thompson, Arthur Ralph, Ch.M.	1901	cWalshaw, Ronald ... .. 1924	
Thompson, Cornelius ... ..	1913	cWalton, Louis ... .. 1915	
Thompson, George Kenworthy ...	1911	Walton, Frederick John ... .. 1904	
cThompson, Henry Worsley ...	1930	Walwyn, Mrs. A. D. See Howe, Fanny	
Thompson, Hubert Gordon ...	1903	†Wamsley, William Bunting ... .. 1910	
*Thompson, John ... ..	1908	cWand, Solomon ... .. 1921	
cThompson, Marjorie (Mrs. W. R. H. Burns)	1923	cWarburton, Edward Jowett ... .. 1926	
Thompson, Robert Busher ...	1908	*Warburton, Gilbert Bertram, Ch.M. ... 1907	
Thompson, William ... ..	1899	cWarburton, Margaret Jovce (Mrs. Caldwell)	1922
Thorp, Harold ... ..	1901	Warburton, William ... .. 1911	
cThorp, Henry, M.Sc. ... ..	1905	Ward, Basil Vernon ... .. 1908	
Thorp, Leonard ... ..	1905	Ward, Mrs. J. F. See Reekie, Marjorie	
cTickle, Henry ... ..	1928	Ward, Stephen Ernest ... .. 1924	
Tindal-Robertson, Mrs. See Marsden, Edith M.		Wardleworth, Douglas ... .. 1905	
Tinker, Ernest ... ..	1902	Wardman, Marie ... .. 1919	
Todd, Charles Gordon ... ..	1915	††Warrington, William Barnett ... .. 1891	
cTodd, Kenneth ... ..	1931	†Waterworth, Sidney ... .. 1921	
*††Todd, Thomas Wingate ...	1907	cWatkins, Bernard Vincent ... .. 1895	
Tomlinson, Frank Kershaw ...	1913	cWatkins, Kenneth Harold ... .. 1927	
cTomlinson, Henry ... ..	1920	Watson, Andrew Blair ... .. 1889	
cTompkin, Doris May Renshaw (Mrs. J. O'B. Hodnett)	1919	Webb, Frederick James ... .. 1889	
cTootill, Reginald Hunt ... ..	1927	Webb-Johnson, A. E. See Johnson, A. E.	
Toothill, Mrs. R. H. See Davies, Mary G.		Webb-Johnson, Cecil See Johnson, S. J. C.	
Townley, Alfred Ernest ... ..	1902	cWebster, John Sutton ... .. 1906	
cTownley, Herbert, B.D.Sc. ...	1927	Weizmann, Vera Rebecca ... .. 1912	
Trevor-Roper, Bertie William Edward	1909	Wells, Mrs. Perry. See Perry, Nesta H.	
*Trotter, Edward ... ..	1898	West, Harry ... .. 1899	
cTroup, James ... ..	1924	West, Robert Newberry ... .. 1901	
Trumper, Oscar Bagster ... ..	1894	†West, Stephen Harold (now S. H. Middleton-West)	1904
Turner, Arthur Chadderton ...	1910	cWhalley, Samuel ... .. 1925	
cTurner, Mary Isabel (Mrs. Turner Place)	1920	Wharton, Edgar, B.Sc. ... .. 1908	
cTurner, Olive de la Wyche (Mrs. R. H. Blackburn)	1926	Wheelodon, William Albert ... .. 1906	
Tylecote, John Howard Lec ...	1894	Whimster, Mrs. W. S. See Edwards, Madge E.	
Unsworth, George ... ..	1903	cWhincup, Frederic Lancelot ... .. 1918	
cUnsworth, James Wilcock ...	1889	Whitaker, John Dent ... .. 1896	
cUnsworth, Leo ... ..	1922	White, Charles Francis ... .. 1912	
cUrmon, Vera (Mrs. E. G. Smith)	1927	cWhite, Julia Crawford (Mrs. MacLachlan)	1906
Uttley, William Wilkinson ...	1909	Whitehead, Gordon ... .. 1911	
cVause, Frank ... ..	1915	Whitehead, Jerry ... .. 1909	
cVerity, Carl, B.Sc. ... ..	1930	Whiteley, Herbert William ... .. 1901	
cVernon, Eric, B.Sc. ... ..	1933	cWhiteside, Eric ... .. 1924	
cVine, Joseph ... ..	1927	cWhitley, John Theodore ... .. 1926	
Waddington, William Heywood ...	1892	cWhitrow, Florence (Mrs. S. H. Faulkner)	1926
cWaddy, Francis Fisher ... ..	1927	Whittaker, Mrs. Frank See Snowdon, Constance	
cWade, Charles Henry Townsend, B.Sc.	1931	cWhittaker, Randal, B.Sc. ... .. 1932	
cWade, Emmeline ... ..	1922	Whittall, Cyril Hubert ... .. 1913	
cWalker, Charles Barnett Victor ...	1922	cWhittle, Hugh ... .. 1924	
cWalker, Charles Latchford ...	1924	Whitman, Leonard Sykes ... .. 1899	
cWalker, Charles Stanley ... ..	1933	Whitworth, Arthur William Thirkill ... 1906	
Walker, David ... ..	1905	Wightwick, Alfred ... .. 1897	
Walker, Ernest Harold ... ..	1914	Wignall, Thomas Henry ... .. 1898	
Walker, Frederick Dearden ... ..	1908	Wilcocks, Mrs. C. See Bullough, Frances G.	
cWalker, Geoffrey Richard ... ..	1927	cWilcocks, Charles ... .. 1924	
Walker, George Francis Clegg ...	1902	cWild, Granville Burnett ... .. 1916	
Walker, James ... ..	1911	cWild, Margaret (Mrs. E. R. Jagger) ... 1922	
cWalker, Norah Margaret ... ..	1921	cWilde, Jane Margaret (Mrs. R. S. Adam) ... 1923	
Walker, Sarah (Mrs. J. F. Bromley)	1923	Wilkins, Arthur Godfrey ... .. 1900	
cWalley, Bryan ... ..	1918	Wilkins, William Douglas ... .. 1904	
cWalls, Noel Stanley, M.Sc., Ph.D.	1930	Wilkinson, Arthur Geden ... .. 1912	
cWalmsley, George Henry Cooper ...	1930	Wilkinson, Sydney Carter ... .. 1903	
cWalmsley, Josephine ... ..	1927	Wilkinson, William Arthur Horsley ... 1892	

† Professor of Anatomy, Western Reserve University, Cleveland, Ohio.

\* F.R.C.S. † Awarded Croix de Guerre. ‡ Awarded M.C. § O.B.E.

M.B. AND CH.B.—continued.

	Date of Degree
cWillan, Richard ... ..	1915
Williams, Charles Rudolph ... ..	1900
cWilcocks, Roger Durant ... ..	1901
cWillett, James Hayward ... ..	1897
cWilliams, David Owen ... ..	1899
cWilliams, Denis John, B.Sc. ... ..	1932
Williams, Herbert Wyndham Fitzroy ... ..	1913
cWilliams, John Leslie David ... ..	1933
cWilliams, Richard Morris ... ..	1924
Williams, Thomas Buckley ... ..	1901
Williams, Thomas Gee ... ..	1908
Williams, William Batten ... ..	1896
cWilliamson, Geoffrey ... ..	1924
Williamson, Henry Merrill ... ..	1901
Williamson, Joshua ... ..	1898
Williamson, Norman Reginald ... ..	1907
*Williamson, Percy Gordon ... ..	1900
cWilliamson, Robert ... ..	1921
cWillis, Ethel Dorothy ... ..	1918
Willis, Hugh Duberly ... ..	1913
Willshaw, Robert Heywood ... ..	1896
Wilson, Arthur Chandler ... ..	1891
Wilson, Frederick Perera ... ..	1901
*Wilson, Henry ... ..	1914
cWilson, John Cecil ... ..	1925
Wilson, Mrs. J. I. P.	
See Atkinson, Estelle I. E.	
cWilson, Nellie, B.Sc. (Mrs. F. W. T. Craske) ... ..	1929
cWilson, Ruth Allason (Mrs. E. St. J. P. Catchpool) ... ..	1919
Wilson, Sidney Rawson, M.Sc. ... ..	1905

	Date of Degree
cWimmer, Robert Tinley ... ..	1928
cWinstanley, Sidney Adams ... ..	1915
†Wolstenholme, Thomas Blakeway ... ..	1903
cWood, Alfred Arthur ... ..	1896
Wood, Frank Lomax ... ..	1889
Wood, Geoffrey Ward ... ..	1913
cWood, Kenneth Knight ... ..	1925
cWood, Paul Butterworth ... ..	1925
cWood, Reginald ... ..	1925
Wood, Robert Lucius ... ..	1894
§Woodcock, Harold Brookfield ... ..	1896
Woodhouse, Herbert Clement ... ..	1897
Woods, Frederick John ... ..	1893
Woods, Henry ... ..	1903
Woodyatt, William Jeffery ... ..	1901
cWorthington, James ... ..	1921
cWraith, Frederick ... ..	1928
*Wright, Andrew Rae ... ..	1904
cWright, Joseph Brotherton ... ..	1920
cWright, Louis Charles, B.Sc. ... ..	1929
cWright, Richard Valentine, B.Sc. ... ..	1932
Wright, William ... ..	1897
Wright, William ... ..	1910
Wrigley, William Sugden ... ..	1902
Wylie, David Storer ... ..	1898
cYates, Frank ... ..	1924
cYates, James ... ..	1922
Youatt, Leonard ... ..	1890
cYouatt, Marjorie (Mrs. Harold Dutton) ... ..	1923
Young, Frederic William Baker ... ..	1904
cYoung, Neville Andrew Jack ... ..	1925
cZimmerman, Philip ... ..	1932

M.D.S.

	Date of Degree
cHutchinson, Arthur Cyril William ... ..	1929
cStones, Hubert Horace, M.D. ... ..	1933

B.D.S.

cAllison, Oswald Roy, M.B., Ch.B. ... ..	1909
cAppleton, Allan Herbert ... ..	1927
cButterworth, James Spencer ... ..	1927
cCampion, Dennis Henry ... ..	1924
cCampion, Leslie George ... ..	1926
Corless, Thomas Arthur Bell ... ..	1911
cJohnson, Nellie ... ..	1926
Latarche, Kate (Mrs A. Ramsden) ... ..	1912
cLewis, Philip Reginald ... ..	1927
cLilley, Walter Arthur ... ..	1929
cMedd, Robert Clifford ... ..	1924
cMedd, Samuel Roland ... ..	1928

cMellodew, John Lees ... ..	1932
Paterson, Malcolm Clark, M.B., Ch.B. ... ..	1914
Ramsden, Mrs. A. See Latarche, Kate ... ..	
Renshaw, Arnold ... ..	1909
Scott, Cecil Francis ... ..	1912
cSmith, Edward Gillespy ... ..	1927
cStafford, Alfred Wheeler ... ..	1924
cTorkington, Harold Holt ... ..	1932
cTorkington, John Lees ... ..	1931
cTownley, Herbert, M.B., Ch.B. ... ..	1924
cWilliams, Frederick Wilfrid ... ..	1928

FACULTY OF MUSIC.

Mus.D.

cAndrew, Norman ... ..	1928
cArmstrong, George Alfred ... ..	1931
cBarlow, Walter Aaron ... ..	1929
Bertshaw, John Wright ... ..	1919
Bradshaw, John Christopher ... ..	1901
Brookes, Harry ... ..	1914
cCarroll, Walter ... ..	1900
cCourney-Smale, Percy Walter de ... ..	1933
Crossley, Walker ... ..	1915
cDickerson, Frederick William ... ..	1930
England, John Herbert ... ..	1914
cGriffiths, Thomas Edwin Teasdale ... ..	1931
cGrundy, Charles Stanley ... ..	1920

Haslehurst, Richard Cecil ... ..	1906
cJackson, Joseph Bernard ... ..	1927
cJarvis, Caleb Edward ... ..	1930
cKeighley, Thomas ... ..	1901
Knowles, Francis William ... ..	1919
cLindley, George Ernest ... ..	1916
cMason, Edward ... ..	1915
Mort, Richard Henry ... ..	1914
cParker, George ... ..	1931
Radcliffe, Frank ... ..	1908
cRead, Henry Lucas ... ..	1922
caWilcock, Alfred William ... ..	1917

1 University Organist.

2 Organist of Exeter Cathedral.

\* Awarded M.C. † F.R.C.S. ‡ Awarded Croix de Guerre; O.B.E. § M.B.E. || Awarded D.S.O.

## Mus.B

	Date of Degree		Date of Degree
cArcher, Hannah ... ..	1927	cMarshall, Mary Ethel Maud ... ..	1917
cBolton, Lucy ... ..	1896	<i>Millar, Marian</i> ... ..	1894
cBoughey, Edith Emily ... ..	1901	cMoore, Clement Arthur ... ..	1923
cChapman, Samuel, M.A. ... ..	1929	<i>Morrison, Frederick</i> ... ..	1923
cDavies, Albert Victor ... ..	1909	Payton, William Henry ... ..	1898
cDavis, Katherine Hilary ... ..	1933	Potter, John Marsden ... ..	1898
cGreen, Frederick ... ..	1927	Scott, Hayward Argyll ... ..	1902
Hamer, Norman Stanley ... ..	1905	<i>Sheaves, Harry Mozart</i> ... ..	1899
Hampson, William Robert, jun., B.A. ... ..	1898	Smith, Joseph Leopold ... ..	1902
cHardie, Albert Leonard ... ..	1921	cSnowball, Annie Dempster ... ..	1933
cHarper, Constance ... ..	1925	Stoneley, William Henry ... ..	1911
Ingham, Thomas Herbert ... ..	1895	cTaylor, Reuben ... ..	1931
Isaacs, Edward Maurice ... ..	1901	Walker, Catherine Mary ... ..	(Mrs. T. M. Lofts) 1899
Knight, George Herbert ... ..	1897	cWest, Charles Lawrence ... ..	1923
Lancaster, Walter James ... ..	1897	cWhite, Dora ... ..	1915
Lofts, Mrs. T. M. ... ..		cWolfenden, William Harold ... ..	1927
<i>See Walker, Catherine M.</i>			
<i>Lythgoe, Thomas Stanley</i> ... ..	1894		

## FACULTY OF COMMERCE.

## M.Com.

c**Ainscough, Thomas Martland ... ..	1916	c**McFarlane, John ... ..	1905
cAshmore, Lawrence ... ..	1915	cMarsh, Cyril Herbert ... ..	1923
cBehrens, Leonard Frederick ... ..	1914	Mellor, Harold ... ..	1912
ac**Bradley, Francis Ernest, M.A., LL.B. ... ..	1914	c**Meredith, Hugh Owen ... ..	1908
cBreeze, George ... ..	1923	cMindel, Abraham Simon ... ..	1919
c**Carter, Roger Neale ... ..	1907	cOgden, Joseph ... ..	1919
c**3Chapman, Sydney John, Litt.D. ... ..	1905	<i>Parry, William Henry</i> ... ..	1921
cChew, Robert Owen ... ..	1921	c8Peach, Sydney Ensor ... ..	1915
c**4Clay, Henry ... ..	1923	cPilkington, William Gwyn ... ..	1924
c**5Daniels, George William, M.A. ... ..	1921	cRadford, Frank ... ..	1921
<i>**Kerguson, Harold Stuart</i> ... ..	1922	cRoberts, Arthur ... ..	1924
cForrester, Robert Blair ... ..	1921	c9Rogers, Norman ... ..	1919
<i>**Fraser, Drummond Drummond</i> ... ..	1907	Rutter, William Pickering ... ..	1910
<i>Harrison, Leonard Arthur</i> ... ..	1911	cScholfield, Alfred ... ..	1915
Jack, Alexander Fingland ... ..	1910	cStephenson, James, M.A. ... ..	1913
cJenkins, Gilbert ... ..	1926	c10Sykes, Joseph ... ..	1925
cJewkes, John ... ..	1924	<i>**11Unwin, George</i> ... ..	1923
cLawley, Emmy Frida Gerty ... ..	1923	cvan der Veen, Gerald Menno, M.A. ... ..	1925
cLester, Thomas Milner, B.A. ... ..	1922	cWhitton, Olga Mary ... ..	1923
cLocker, Thomas Cecil, M.Sc.Tech. ... ..	1922	cWilde, Constance Elizabeth Mary ... ..	1920

## M.A. (Com.).

cAbul-ela, Ahmed Mahmoud ... ..	1928	cHousley, Harold, M.Sc. ... ..	1929
cBennett, George Arthur, M.Sc.Tech. ... ..	1933	cKair, Hilda Adelina ... ..	1928
cBottomley, Cyril ... ..	1930	cPrest, Wilfred ... ..	1932
cBrennan, Edwin ... ..	1931	cSabry, Abd el Aziz ... ..	1931
cBurke, Irene ... ..	1931	cSharp, Arthur ... ..	1927
cCampion, Harry ... ..	1928	cShepherd, Ernest, B.Sc. ... ..	1928
cGamble, Frederick Norman ... ..	1930	cTrevillion, Alexander ... ..	1929
cGray, Edward Mayall, B.Sc.Tech. ... ..	1933	cWinterbottom, Allan, LL.M. ... ..	1930
cHodgkinson, Samuel Edwards ... ..	1928		

- 1 Board of Trade, H.M. Senior Commissioner for India and Ceylon; Kt.
  - 2 County Court Judge on the Blackburn and Preston Circuit.
  - 3 Chief Economic Adviser to H.M. Government; C.B.E.; K.C.B.
  - 4 Formerly Professor of Social Economics in the University; Economic Adviser to the Bank of England.
  - 5 Stanley Jevons Professor of Political Economy and Cobden Lecturer in the University.
  - 6 Professor of Economics and Political Science in the University College of Wales, Aberystwyth.
  - 7 Professor of Economics in the University of Belfast.
  - 8 Director of Technical Education for Cheltenham area.
  - 9 Head Master, Bolton Municipal Day Commercial School.
  - 10 Warden of Astor Hall, Plymouth.
  - 11 Late Professor of Economic History in the University.
- \* O.B.E.    † F.R.S.E.    ‡ K.B.E.    § Awarded Croix de Guerre.  
 \*\* Degree conferred under Charter II. (3).

## M.A. (ADMIN.).

	<i>Date of Degree</i>
cAtack, Granville ... ..	1933
cCampbell, Charles Douglas, Ph.D. ... ..	1927
cChester, Daniel Norman ... ..	1933
cHerbert, William Frank ... ..	1932
Long, Amalie E. W. <i>See</i> Weiss-Long, Amalie E.	
cRiley, Walter ... ..	1931
cWeiss-Long, Amalie Elisabeth ( <i>now</i> Amalie E. W. Long)	1929
cWood, Elizabeth Jessica (Mrs. R. H. Wood) ( <i>graduated B.A. (Com.) as</i> Timpson) ... ..	1933

## B.COM.

<i>Date of Degree</i>	<i>Date of Degree</i>
cAmbrose, Isaac Southern ... ..	1924
cAndrew, John Barton, M.A. ... ..	1922
cAngles, Albert ... ..	1922
cAntoniou, Spiro George ... ..	1923
cAshton, Gertrude Mary (Mrs. Warwick)	1923
cAspin, John ... ..	1925
cBailey, Gladys ... ..	1923
cBanks, William Leonard ... ..	1923
cBarker, William ... ..	1925
cBarlow, John ... ..	1915
cBaxter, John Boocock ... ..	1920
cBaronian, Stephen Ipliejian ... ..	1915
cBeamish, Arthur ... ..	1924
cBenson, John Stanley ... ..	1923
Binns, John Bentley ... ..	1912
cBirtles, Wilfrid ... ..	1922
cBlackburn, Fred ... ..	1926
cBleas, Herbert ... ..	1922
cBlomley, Fred ... ..	1914
cBolchover, Jonas ... ..	1926
<i>Bolton, Reginald Lighthown</i> ... ..	1909
cBooth, James Herbert ... ..	1910
cBottrill, Alfred Leo ... ..	1923
cBowden, Geoffrey ... ..	1922
cBowden, Kearsley William ... ..	1925
cBowers, Herbert ... ..	1923
*Bozellec, Yves Marie ... ..	1914
cBradley, Elizabeth Madeline, M.A., M.Ed.	1919
cBrierley, Eric ... ..	1914
cBrierley, Joseph, B.Sc. ... ..	1913
cBright-Smith, John Vandeleur ... ..	1921
cBronnert, Arnold ... ..	1922
cBrooks, Norah Mary (Mrs. R. A. Eastwood)	1924
cBroome, Ernest Smith ... ..	1923
cBrown, Oswald Theodore ... ..	1925
cBrowning, Henry, M.Sc. ... ..	1926
cBuckley, Arthur ... ..	1920
cCalvert, Ernest Frederick ... ..	1922
caCardwell, David, M.Sc. ... ..	1926
cCardwick, Arthur ... ..	1926
cChaloner, Sam Richard ... ..	1920
cChetham, James Oldham ... ..	1910
cChinassi, Rassim, M.A. ... ..	1918
Chow, Tien ... ..	1909
cClark, Matthew, M.A. ... ..	1918
cClegg, William ... ..	1926
cClough, Mabel ... ..	1924
cCohen, Leonard ... ..	1925
cCooper, Marian, LL.B. (Mrs. R. V. Roger)	1922
cCopley, Edward ... ..	1915
Crammer, Mrs. R. W. <i>See</i> Rosenblum, Margaret	
cCrawford, Harold ... ..	1923
cCritchley, Henry Stephen ... ..	1922
cCroft, Thomas Walsh ... ..	1924
cCrouchley, Arthur Edwin ... ..	1925
Dalal, Sorabjee Adarjee ... ..	1907
cDann, Edward John ... ..	1925
cDavies, Harry Donald ... ..	1922
cDavies, Walter John ... ..	1923
cDembowsky, Rebecca ... ..	1925
cDemel, George Carl ... ..	1915
cDewar, John Turner ... ..	1926
cDucker, Frederick Ronald ... ..	1923
cDuckworth, Alan ... ..	1926
cDunham, Herbert Henry ... ..	1923
cDunkerley, Thomas Ward ... ..	1922
cDunn, Albert ... ..	1916
cDutton, William Braithwaite ... ..	1922
cDymond, Mary Frances, M.A. ... ..	1915
Eastwood, Mrs. R. A. <i>See</i> Brooks, Norah M.	
cEaves, John ... ..	1926
cEdmeston, Ruth ... ..	1926
cElliott, William, M.A. ... ..	1918
<i>Emmott, John Barlow</i> ... ..	1908
Epstein, Benjamin ... ..	1913
cErian, Aziz Ghaly ... ..	1921
cErian, Meleika ... ..	1920
cEwing, Joseph Denis ... ..	1922
cFarnhat, Henri Victor ... ..	1926
cFirth, James Hubert ... ..	1923
cFisher, John Thomas ... ..	1924
cFlennug, Dorothy ... ..	1923
cFletcher, Douglas ... ..	1910
cFlorentin, Arthur Isaac ... ..	1925
cFord, Frederick ... ..	1924
cForsyth, Joseph ... ..	1912
c4Foulkes, Edward ... ..	1909
cGilpin, Ida Offand (Mrs. H. E. Kern) ...	1921
cGlenn, Arthur ... ..	1922
cGoodier, William George ... ..	1913
<i>Goodwin, Eric Lindsey</i> ... ..	1913
cGoodwyn, Wyndham Thomasson ... ..	1922
cGradwell, George Cornwallis ... ..	1925
cGray, William, B.Sc. ... ..	1926
cGreen, James Albert ... ..	1925
<i>Greene, John Wilmer</i> ... ..	1911
cGregory, Charles John Brazennar ...	1925
cHall, Alma Violet (Mrs. Frederic Vaughan)	1926
Hall, Fred, M.A. ... ..	1908
Hall, Harold Arthur, M.A. ... ..	1912
cHalstead, Frank, B.Sc.Tech. ... ..	1924
cHarding, William ... ..	1922
Harris, Mrs. E. T. <i>See</i> Smith, Gertrude	
cHatton, Henry Philip ... ..	1926
cHaworth, Florence ... ..	1926

1 Head Master, Brunswick School, Bury, Lancs.

2 Vice-Principal, College of Technology, Manchester.

3 Principal, City School of Commerce, Burslem, Stoke-on-Trent.

4 Chief Clerk to the Overseers of South Manchester.

\* Awarded Croix de Guerre.

## B.Com.—continued.

	Date of Degree		Date of Degree
cHetherington, Herbert ... ..	1922	cPhillips, Herbert Allen ... ..	1925
cHindshaw, Marcus ... ..	1923	cPickles, William ... ..	1920
cHitchens, John Herbert ... ..	1923	cPickstone, Traviace Holland ... ..	1921
cHolford, James ... ..	1911	cPollard, Clifford ... ..	1924
cHolmes, Wilfrid, M.A. ... ..	1915	cPollack, Mendel	
cHolt, Ernest Sefton ... ..	1924	(now Pollack, Michael Mendel)	1919
cHstl, Singloh ... ..	1913	Pollack, Michael Mendel	
cHudson, David Robert ... ..	1920	See Pollack, Mendel	
cHughes, Henry Glyn ... ..	1920	cPowell, William Percival ... ..	1926
Hughes, Mrs. H. G.		cProcter, Joyce Woodyatt ... ..	1923
See White, Eunice M.			
Jackson, Henry Hollingworth ... ..	1910	cRees, Annie ... ..	1926
cJacobs, Norman Myer ... ..	1923	cRhund, John Ewart ... ..	1925
cJohnson, John Brocklebank ... ..	1923	Roberts, James William, M.A. ... ..	1911
Johnson, Richard Roscoe ... ..	1914	cRoberts, Stuart Gray ... ..	1923
cJones, Mark Wheatley ... ..	1921	cRobinson, Edward Eric ... ..	1924
		cRosenblum, Margaret	
		(Mrs. R. W. Crammer)	1917
cKellett, Owen ... ..	1921	cRogers, Marjorie ... ..	1924
cKenyon, Cyril ... ..	1922	Rogers, Norman ... ..	1911
Kern, Mrs. H. E. See Gilpin, Ida O.		†Rowbotham, John Edwin, M.A. ... ..	1909
cKerns, Harry ... ..	1922	cRushton, Frank Waddington ... ..	1922
cKing, John Humphreys ... ..	1924	Rushworth, William Alfred ... ..	1911
cKirkham, Fred ... ..	1925		
cKitchen, David ... ..	1925	cSalt, William Edward ... ..	1921
cKnot, Dorothy ... ..	1919	cSaul, Edgar Albert ... ..	1916
cKnot, Edward Austin ... ..	1920	Scott, Norman Sawers ... ..	1914
		cSeddon, George ... ..	1921
		cShamash, George ... ..	1916
cLand, William Walker ... ..	1922	cShaw, Geoffrey ... ..	1922
cLeather, Herbert ... ..	1924	cShaw, Richard Lawrence ... ..	1926
cLevin, Abraham ... ..	1924	cShepard, William Joseph ... ..	1916
cLightfoot, John Reginald ... ..	1922	cShercliff, William ... ..	1923
Lindh, Gustaf Waldemar, B.A. ... ..	1912	cShirra, Edith Mercedes ... ..	1926
cLittler, John Herbert ... ..	1922	cShuttleworth, Joseph, M.A. ... ..	1914
cLowe, Marie ... ..	1922	cSleff, Israel Moses ... ..	1908
cLutfy, Mohammed Fuad ... ..	1918	cSinclair, Harold Paul ... ..	1925
cLymer, Meryl Watts ... ..	1925	Singh, Keshari Prasad ... ..	1909
		Sladen, Edward ... ..	1913
cMcDiarmid, Peter Pentland. ... ..	1925	cSlatter, Thomas ... ..	1923
cMcGann, Edmund Rogerson ... ..	1926	cSlee, Edwin Sheppard ... ..	1924
caMarsden, Henry Lathrope, LL.M. ... ..	1922	cSmall, Leonard ... ..	1923
cMarsden, James Herbert ... ..	1914	cSmith, Daniel Smith ... ..	1925
cMarsland, Edith Mary ... ..	1922	cSmith, Gertrude (Mrs. E. T. Harris) ... ..	1916
Martin, James Harold ... ..	1910	cSmith, Granville ... ..	1924
cMassey, James ... ..	1926	Smith, Sidney ... ..	1913
cMatthews, William, M.A. ... ..	1922	cSouthern, David Fulton ... ..	1924
Mercer, Charles Henry, M.A. ... ..	1911	cSpeakman, Edward Gatenby ... ..	1923
cMerriman, Doris Elizabeth ... ..	1926	cStables, John Norman ... ..	1924
Middleton, Thomas William	1909	Stevenson, James, M.A. ... ..	1911
Milbourne, Leslie ... ..	1916	Stewart, Ethel Nina ... ..	1923
cMilner, Alfred ... ..	1916	cStock, Thomas Dyson ... ..	1930
cMitchell, William ... ..	1924	cStones, Doris Ratcliffe ... ..	1918
Morris, John ... ..	1913		
cMorris, Thomas Stanley ... ..	1924	cTawfik, Ahmed Mohamed	
cMorrison, James Binnie ... ..	1926	(now Zeitoun, A. M. T.)	1923
*Mumford, John Houston ... ..	1914	cTayler, Frederick Thomas ... ..	1926
cMurgatroyd, Rose Marian ... ..	1915	cTayler, Alfred ... ..	1925
		cTayler, Arthur ... ..	1925
cNaggiar, Elwyn Jack ... ..	1924	cTayler, George Albert ... ..	1920
		cTayler, Laurie Harold Cuthbert ... ..	1922
cde Ocio, Enrique ... ..	1925	cTayler, Richard Allen, M.Ed. ... ..	1924
cOgden, Albert ... ..	1926	cTayler, Sidney ... ..	1923
cO'Loughlin, Joseph Rankin ... ..	1923	cThomas, Bertha Margaret ... ..	1920
		cThompson, Arthur ... ..	1917
cPadfield, Clarence Edward ... ..	1926	cTomlinson, Thomas Joseph ... ..	1924
cParekhji, Vavabhai Natverlal ... ..	1924		
cParker, William Alonzo ... ..	1925	cVakil, Madanlal Hardevraan ... ..	1923
†Parkes, George Bowden ... ..	1914	cVarley, Benjamin, M.A. ... ..	1921
cParkin, Robert ... ..	1923	Vaughan, Mrs. Frederic.	
cPaulding, John ... ..	1926	See Hall, Alma V.	

1 Head Master, Tyldesley Council School.

2 Principal of Manchester Municipal High School of Commerce.

\* Awarded M.C. and additional bar.

† Awarded M.C.

B.Com.—continued.

	Date of Degree
cVerney, Harry, LL.B. ... ..	1908
cVogel, Henry ... ..	1924
cWalkden, Eric ... ..	1926
cWalsh, John ... ..	1921
cWalton, Frank Pearson Warwick, Mrs. ... ..	1922
See Ashton, Gertrude M.	
acWatson, Arthur ... ..	1920
cWhite, Eunice Madge (Mrs. H. G. Hughes) ... ..	1921
cWhitmore, Jack ... ..	1923

	Date of Degree
cWhittle, Jack ... ..	1922
cWilkinson, Laurence ... ..	1922
cWilliamson, Sam Burgess ... ..	1926
cWinerlak, Szmul ... ..	1924
cWinterbottom, Frank Simcox ... ..	1919
cWood, John Frederick ... ..	1923
cWood, Robert Gordon ... ..	1925
cWright, Frank Leslie ... ..	1922
cZeitoon, Ahmed Mohamed Tawfik. See Tawfik, A. M.	

B.A. (Com.).

cAidley, John Henry ... ..	1931
cAllison, Kathleen Jane ... ..	1927
cAllman, Alan Henry ... ..	1928
cAndrews, Henry Wolfendale ... ..	1930
cArditti, Alfred Abraham ... ..	1929
cAshworth, John ... ..	1930
cAshworth, John Arthur ... ..	1929
cAshworth, Peter Noel ... ..	1933
cAshworth, Ross Spencer ... ..	1927
cAtkinson, Evelyn Alcock ... ..	1928
cBale, Leslie David ... ..	1931
cBamford, Thomas Kenneth ... ..	1930
cBanks, Leonard Hacking ... ..	1929
cBaxendale, Cecilia ... ..	1930
cBendell, George Augustus ... ..	1929
cBeswick, Arthur ... ..	1931
cBibby, Eli ... ..	1927
cBiddle, George Edwin ... ..	1929
cBinns, Maureen Muriel ... ..	1933
cBirkett, Leon Douglas ... ..	1932
cBlades, Alan ... ..	1931
cBooth, John ... ..	1930
cBowell, Joseph, B.Sc. ... ..	1929
cBowden, Wilfrid ... ..	1928
cBowman, Isabel Dixon ... ..	1930
cBridge, Nonnan ... ..	1932
cBrierley, Ernest William ... ..	1928
cBrown, Leonard, B.D. ... ..	1927
cBruce, Frank Mearns ... ..	1928
cBullough, Arthur Geoffrey James ... ..	1927
cBurrell, Charles Edward ... ..	1928
Burrell, Mrs. C. E. See Emmott, Elsie Burton, Mrs. W. V.	
See Wood, Joyce L.	
cButterfield, Harold Charles ... ..	1931
cBuxton, William Thornton ... ..	1929
cCampbell-Kelly, Bernard Randolph ... ..	1933
cChatterjee, Debi Prosanna ... ..	1931
cChessell, Henry ... ..	1930
cClaydon, Percival ... ..	1929
cCliff, Thomas Matthew ... ..	1931
cCooke, Colin Arthur ... ..	1927
cCooper, Joseph Clifton ... ..	1932
cCroft, Harold Richard ... ..	1927
cD'Abreo, Joseph Herman ... ..	1928
cDatta, Susil Kumar ... ..	1931
cDeakin, William Francis ... ..	1928
cDumbleby, Cecil Frederick George ... ..	1931
cDowns, John Stainthorpe Drapkin, Aubrey ... ..	1929
cDriver, George Francis ... ..	1933
cDuncan, John Ronald ... ..	1932
cDuncan, Sidney Buckley ... ..	1928

cDunn, Sydney Joseph ... ..	1928
cEastwood, Robert Leslie ... ..	1932
cEaton, Arthur ... ..	1931
cElliott, William Norman ... ..	1929
cEmmerson, John Ralph ... ..	1931
cEmmott, Elsie (Mrs. C. E. Burrell) ... ..	1927
cEntwistle, Marian Thompson ... ..	1932
cErin, Henry ... ..	1929
cFalconer, Clarence Stanley ... ..	1927
cFish, Clarence Hall... ..	1928
cFletcher, Enid (Mrs. J. MacCormac Lendrum) ... ..	1929
cFletcher, Leslie ... ..	1928
cFrancis, Harold ... ..	1927
cFreeman, John ... ..	1933
cGartside, George Richardson ... ..	1929
cGaukroger, James Clifford ... ..	1932
cGerrard, Thomas ... ..	1930
cGhilchik, Martin ... ..	1928
cGibb, William John Wilson ... ..	1931
cGoodier, James Harold ... ..	1929
cGopalan, Kuttan ... ..	1933
Gordomer, Mrs. H. See Shipper, Sarah M.	
cGraham, Robert Lawrence ... ..	1931
cGreen, Edwin Downs ... ..	1929
cGreen, Harry Clifford ... ..	1931
cGrindrod, John ... ..	1927
cGuha, Pratapchandra ... ..	1933
cHafez, Mohamed Abdel Rahman ... ..	1927
cHall, Brenda Fielding ... ..	1929
cHall, William Brogan ... ..	1928
cHamdy, Mohammed ... ..	1928
cHammett, Norman Robert ... ..	1932
cHamza, Abd El Maksud ... ..	1931
cHardman, Henry ... ..	1927
cHarris, Arthur ... ..	1928
cHarvey, Martin ... ..	1933
cHazlett, Joe ... ..	1932
cHerbert, Kathleen ... ..	1932
cHesketh, Stanley Orrell ... ..	1933
cHugginbottom, Humphrey James ... ..	1930
cHull, James Reginald ... ..	1929
cHodgkiss, John Hoyle ... ..	1931
cHodson, Bernard Edwin ... ..	1933
cHoe, Tom Boyd ... ..	1931
cHolmes, Muriel ... ..	1927
cHolt, Wilfrid Thomasson ... ..	1928
cHough, John Aspey ... ..	1929
cHunt, Kenneth Horrocks ... ..	1933
cHurst, John ... ..	1930
cIreland, Frank ... ..	1929



## B.A. (Com.)—continued.

	Date of Degree
cJepson, Eric Siddle ... ..	1928
cJones, Herbert Hilton ... ..	1929
cJones, Muriel Silvetwood ... ..	1933
cJuhlin, Karin Lois ... ..	1933
cKaaokoniemi, Siri ... ..	1927
cKellett, James Norval ... ..	1927
cKemp, William ... ..	1929
cKenyon, Helen Louise ... ..	1932
cKerr, Wilfred ... ..	1928
cKnighton, Edith ... ..	1932
cKrishnamura, Abharana ... ..	1928
cKron, Victor ... ..	1933
cLambert, Fred ... ..	1931
cLambrick, John Gibson ... ..	1932
cLangton, Kathleen Margaret ... ..	1931
cLeek, Edward ... ..	1933
Lendrum, Mrs. J. MacCormac See Fletcher, Enid	
cLever, Isaac ... ..	1933
cLilwall, Raymond James Barnett ... ..	1929
cLivsey, Stewart Ward ... ..	1931
cLomax, Hilda ... ..	1932
cLongworth, Marian Carlton ... ..	1933
cLowe, Thomas Edgar ... ..	1929
cLunt, Isabel ... ..	1929
cMcGrath, Ellen ... ..	1933
cMcHardy, Alexander ... ..	1933
cMcHugh, James ... ..	1930
cMcLellan, William John ... ..	1933
cMack, Leonard ... ..	1929
cMakin, John Major ... ..	1933
cMarrow, Frank ... ..	1929
cMartin, Enil Walter Rudolf ... ..	1932
cMason, James George ... ..	1929
cMatheson, Alice Mary ... ..	1931
cMitchell, Stanley Alexander ... ..	1929
cMoran, Gilbert Laurence ... ..	1928
cMorland, Thomas Brockbank ... ..	1927
cNeedoff, Sydney ... ..	1928
cNewton, Harold ... ..	1932
cNorris, Edgar ... ..	1933
cOsborne, Frank William ... ..	1928
cOwen, James Arthur ... ..	1931
cParish, Benjamin Wilkin ... ..	1927
cPearce, Frank ... ..	1927
cPettigrew, William ... ..	1927
cPinder, John Giles ... ..	1930
cPorthouse, William ... ..	1931
cRace, Winifred ... ..	1930
cRayner, Nellie Powell ... ..	1928
cKedern, Dorothy Mary (Mrs. K. F. B. Roberts)	1931
cReekie, Charles William Maxwell ... ..	1928
cReeves, Sidney ... ..	1931
cRhoden, George Stewart ... ..	1932
cRoberts, Harold ... ..	1927
Roberts, Mrs. K. F. B. See Redfern, Dorothy M	
cRobson, Eric Norman ... ..	1929
cAinscow, Edwin ... ..	1930
cAndrew, George Smith ... ..	1931
cBarton, Frank, M.Sc. ... ..	1929
cBirley, Stanley ... ..	1933
cBirtwell, Katharine de Hoghton ... ..	1930

## B.A. (ADMIN.)

Roger, Mrs. R. V. See Cooper, Marian	
cRoughley, Charles ... ..	1932
cRowbottom, Phyllis ... ..	1929
cRuddin, Charles Eugene ... ..	1933
cRyder, Robert ... ..	1928
cScammell, Joann Cosson ... ..	1932
cSeanoor, William Albany ... ..	1929
cSeddon, Arthur Wilfred ... ..	1932
cSen, Benoy Kumar ... ..	1932
cShabtay, Abraham ... ..	1931
cShipper, Sarah Millicent (Mrs. H. Gordomer)	1928
cShorrocks, Peter ... ..	1928
cShrigley, Stanley ... ..	1927
cSimms, Herbert Greenwood ... ..	1929
cSirothia, Vinayak Prasad ... ..	1930
cSmith, George ... ..	1928
cSmith, John Arthur ... ..	1929
Smith, William Raymond ... ..	1927
cSouthworth, Stella ... ..	1933
cSpencer, John Arnold ... ..	1928
cSpiller, Harry Boden ... ..	1927
cStanaway, Harold ... ..	1928
cStapley, Henry Standen King ... ..	1931
cStatham, Kenneth ... ..	1933
cStones, Eric Highley ... ..	1927
cStorer, Samuel Alfred ... ..	1929
cSumner, Walter Barrowclough ... ..	1929
cSusman, Bernard ... ..	1930
cTalent, Charles Leslie ... ..	1932
cTandon, Prakash Lal ... ..	1932
cTattersall, Jessie Kathleen ... ..	1932
cTaylor, Albert Ashworth ... ..	1932
cTaylor, Arthur ... ..	1928
cTaylor, Robert Norman James ... ..	1931
cThomas, Harold Heath ... ..	1932
cThomas, Richard Gratton ... ..	1927
cThompson, Eric ... ..	1929
cThornley, John Deakin ... ..	1930
cTonge, Harold ... ..	1929
cTracey, Denis Brougham ... ..	1927
cTravis, Charles Harold ... ..	1929
cTurnbull, Geoffrey ... ..	1932
cTurton, Harry Bancroft ... ..	1933
cVinalasiri, Charoon ... ..	1928
cWalker, Kenneth ... ..	1927
cWaller, Edmund ... ..	1933
cWalsh, David Patrick ... ..	1929
cWareing, Harold ... ..	1933
cWhite, Oswald, M.Ed. ... ..	1927
cWhittaker, Sidney Nisbet, B.Sc. ... ..	1927
cWilkinson, Joe ... ..	1928
cWilkinson, John ... ..	1929
cWilliams, Sydney Walter ... ..	1928
cWilson, John ... ..	1933
cWinder, Eileen Doris ... ..	1932
cWood, Arthur ... ..	1929
cWood, Joyce Lee (Mrs. W. V. Burton)	1931
cWright, Thomas ... ..	1927
cYates, Frances Doreen ... ..	1928
cZorian, Deran Ewart ... ..	1929
cBrasier, Frederick Alan ... ..	1932
cBrocklebank, Alan Francis ... ..	1928
cBroxup, Oswald ... ..	1928
cCalthrop, Mary Elizabeth Gordon (Mrs. Lancelot Owen)	1931

B.A. (ADMIN.)—*continued*.

	<i>Date of Degree</i>
cChynoweth, Herbert Boyd ... ..	1930
cClift, Walter Thomas ... ..	1932
cCochrane, Harold ... ..	1930
cCook, George ... ..	1931
cCook, Herbert ... ..	1932
cCooke, Herbert William ... ..	1933
cCottam, Ernest George Bingham ... ..	1933
cDavies, William Emrys, B.Sc. ... ..	1931
cElkington, Cuthbert ... ..	1931
cEllis, James Emery ... ..	1929
<i>Eyre, Joan Madge</i> ... ..	1932
cForbes, Alexander Thomas ... ..	1931
cFowler, Harry ... ..	1933
cFrost, Charles Ethelbert ... ..	1930
cGallon, Robert ... ..	1932
cGrist, Valerie Shovelton ... ..	1931
cHalstead, James ... ..	1931
cHawkins, Robert Henry ... ..	1931
cHeyworth, Kathleen Mary ... ..	1929
cHill, James William ... ..	1930
cHollings, Elsie ... ..	1930
cHolme, Dorothy ... ..	1932
cJohnson, Stanley ... ..	1932
cJones, Frederick ... ..	1932
cLewis-Jones, Eurgain Tertia Lilian ... ..	1932
cLomax, James ... ..	1933

	<i>Date of Degree</i>
cMcDonald, Thomas Alfred ... ..	1929
cMatthews, Leslie ... ..	1933
cMiller, Colin Theodore ... ..	1931
cMoynihan, Arthur ... ..	1932
cO'Connell, Noel Stanley ... ..	1928
Owen, Mrs. Lancelot. <i>See Calthrop, Mary E. G.</i>	
cPage, Harry Robertson ... ..	1932
cRobinson, Cecil ... ..	1932
cRobinson, James Marcus ... ..	1933
cRose, Hugh Sydney ... ..	1933
cRothwell, Arthur ... ..	1933
cShepherd, George ... ..	1933
cShepherd, William Heath ... ..	1933
cShuttleworth, John Dewhurst ... ..	1929
cSkeet, George William ... ..	1931
cSnowden, Neil ... ..	1931
cStowe, George Thomas ... ..	1933
cSylvester, George Harold ... ..	1928
cTidswell, Thomas ... ..	1933
cUnderwood, Arthur Cecil ... ..	1931
cWebb, Ronald ... ..	1931
cWellings, Gordon Henry ... ..	1933
cWood, George ... ..	1930
cWoods, Emily Mary ... ..	1930
cWraith, Ida ... ..	1930

FACULTY OF THEOLOGY.

D.D.

	<i>Date of Degree</i>
cMcLachlan, Herbert, M.A. ... ..	1920

B.D.

cArnold, William, B.A. ... ..	1933	cChulow, Arnold Harrison, B.A. ... ..	1931
cAuty, David Eastham, B.A. ... ..	1910	cCole, Cedric ... ..	1925
cBacon, Horace, B.A. ... ..	1923	Coley, Samuel Ernest ... ..	1912
cBaillie, Andrew Welcome, M.A. ... ..	1924	cConnell, Richard John, B.A. ... ..	1931
Bakker, Hendrik Raluph ... ..	1923	cConnor, Herbert Pearce, B.A. ... ..	1927
cBarker, Rosamond Haworth ... ..	1933	cConnor, James, B.A. ... ..	1921
cBarnett, Herbert Arthur, B.A. ... ..	1921	cCooke, Leslie Edward, B.A. ... ..	1933
Bass, William Henry ... ..	1912	cCraig, Patrick Edward Septimus, B.A. ... ..	1932
cBean, Arthur Selwyn ... ..	1931	cCrook, Robert Waddington, M.A. ... ..	1916
*† Best, John Kenneth ... ..	1914	Davies, William Claude Howard, B.A. ... ..	1914
cBiggins, Charles, M.A. ... ..	1915	cDavies, William Solva, B.A. ... ..	1918
cBowen, David Edgar, M.A. ... ..	1915	Dodd, Roland Pocock ... ..	1911
Bray, Arthur Henry ... ..	1912	<i>Doswell, Thomas Percival</i> ... ..	1920
3Brewis, John Thomas, B.A. ... ..	1906	<i>5Druitt, Cecil Henry</i> ... ..	1908
cBritton, Lewis John, B.A. ... ..	1926	cDuckworth, William ... ..	1924
cBrown, Leonard, B.A. Com. ... ..	1933	Ellis, James John, M.Sc. ... ..	1910
cBrown, Robert, B.A. ... ..	1932	Evans, George, B.A. ... ..	1913
Bulcock, Harry, B.A. ... ..	1906	Evans, Thomas John ... ..	1908
cBullock, Frederick William Bagshawe ... ..	1928	cEwbank, James Herbert, B.A. ... ..	1916
cBurrows, Robert Allanson, jun., M.A. ... ..	1919		
Caiger, Stephen Langrish ... ..	1912		
cCalder, Ralph Forman Godley, B.A. ... ..	1930	*6Farquhar, John Nicol ... ..	1924
cCaldwell, Joseph Arnold, B.A. ... ..	1926	cFleet, Wilfred Fletcher ... ..	1927
Callow, Haydn Wilberforce, M.A. ... ..	1914	cFloyd, Lionel Rupert, B.A. ... ..	1926
		cFrith, Harold Ingram, M.A. ... ..	1925

1 Head Master of the Choir School, Manchester Cathedral.

2 Principal of Manchester Unitarian College.

3 Principal of the Methodist College, Victoria Park, Manchester.

4 Head Master, Fulneck School, Fulneck, Leeds.

5 Late Bishop of Granton, Australia.

6 Late Professor of Comparative Religion in the University.

\* Awarded M.C. † Mentioned in Despatches. \*\* Degree conferred under Charter II. (5).

## B.D.—continued.

	Date of Degree		Date of Degree
cGiles, John Philip ... ..	1933	cPaget, Harold Herbert ... ..	1925
cGregory, Wilfrid, B.Sc.Tech. ... ..	1927	Painter, William Arthur, M.A. ... ..	1911
cGrensted, Laurence William ... ..	1910	cPaterson, Edward Douglas, M.A. ... ..	1914
cGrime, John Ernest, B.A. ... ..	1909	c**2Peake, Arthur Samuel ... ..	1905
Groves, Charles Pelham ... ..	1910	cPhillips, George ... ..	1927
		Plumbridge, James Henry John ... ..	1909
cHall, Kathleen Mallalieu, B.A. ... ..	1932	cPollard, Benjamin, M.Sc. ... ..	1928
cHall, William Arnold ... ..	1932	Porteus, Thomas Cruddas, M.A. ... ..	1906
cHarding, William Eric, M.A. ... ..	1925	3Price, Ernest Jones, M.A. ... ..	1910
cHartley, Ernest Beecher ... ..	1927		
cHawes, Gordon Kusel, M.A. ... ..	1932	Quail, James Arnold, M.A. ... ..	1908
Hirst, Frank Melvern, M.A. ... ..	1914		
cHoltby, Edward Barlow, M.A. ... ..	1918	cRack, Henry Tong, B.A. ... ..	1926
cHoltby, William Henry ... ..	1917	cRamsey, Kenneth Venner ... ..	1933
cHumphrey, John Frederick, B.A. ... ..	1929	Redfern, Lawrence, M.A. ... ..	1914
Humphreys, Elvin Ivor ... ..	1910	cRidley, John Robert, B.A. ... ..	1927
Humphries, Cyril Lutliff, M.A. ... ..	1922	cRobinson, William Gordon ... ..	1927
cHunter, Hugh, B.A. ... ..	1921	cRogers, Edward, M.A. ... ..	1933
		cRoss, Edwin Harold Wainsley, B.A. ... ..	1927
Ingham, Harry Lionel, M.A. ... ..	1913	cRossington, Herbert John, M.A. ... ..	1907
		Rule, George Simpson ... ..	1914
cJames, Howard Ingli, B.A. ... ..	1915		
cJones, George Randall, M.A. ... ..	1917	Sandys, Samuel ... ..	1908
cJones, John Roger ... ..	1928	cSears, Selwyn Edward ... ..	1915
		cSharp, Douglas Simmonds, M.A. ... ..	1909
Kelly, Charles, M.A. ... ..	1912	cSheward, Cyril Godfrey ... ..	1922
cKennett, Edward John Benedict Manners ... ..	1915	cSmith, Wilfred, B.A. ... ..	
cKenworthy, Frederick, M.A. ... ..	1931	(graduated D.A. as Schmitt) ... ..	1922
Kinsey, Arthur Barber ... ..	1908	cSouthworth, John Fletcher, B.A. ... ..	1932
cKnight, Eric Francis Herbert, B.A. ... ..	1929	*cStephenson, Edgar, M.A. ... ..	1925
		cStewart, Duncan Percy ... ..	1931
cLawrence, Reginald Arthur ... ..	1932	cSturt, Dudley Elliott ... ..	1928
Lawson, McEwan Stott, M.A. ... ..	1912	cSwarbrick, John William, M.A. ... ..	1924
cLawton, Henry ... ..	1932		
Lomas, Reginald Hampson, M.A. ... ..	1913	Taylor, Frederick Clifford, M.A. ... ..	1913
cLord, Joshua, B.A. ... ..	1925	AThackray, Edgar, M.A. ... ..	1908
cMcCormick, George Herbert ... ..	1928	cUpright, Norman, B.A. ... ..	1931
cMcLachlan, Herbert John, M.A. ... ..	1932		
cMarsden, Harold, B.A. ... ..	1924	cWaddington, Wilfred, B.A. ... ..	1929
Marsh, Herbert George ... ..	1913	cWalker, Walter Amos ... ..	1929
cMeadeley, Thomas Donald ... ..	1933	4Vaugh, William Templeton, M.A. ... ..	1906
cMeecham, Henry George, M.A., Ph.D. ... ..	1911	cWeeks, William Robert ... ..	1930
Miller, William Reginald, B.A. ... ..	1913	Whewell, William Edward ... ..	1915
cMorley, Laurence ... ..	1929	cWigley, Alfred Lancelote, B.A. ... ..	1928
cMurray, Dorothy Bruce ... ..	1931	cWigley, Henry Townsend, B.A. ... ..	1920
		Wilkinson, Arthur Henry ... ..	1910
cNye, John Arthur Keith ... ..	1927	cWilkinson, John Thomas, B.A. ... ..	1920
		cWilliams, James Arnold ... ..	1929
cOdell, Ernest Walter, B.A. ... ..	1932	cWilson, Charles Louis, M.A. ... ..	1923
cOldfield, Leonard Hulme, B.A. ... ..	1928	cWilson, Edward, B.A. ... ..	1932

## FACULTY OF TECHNOLOGY.

## M.Sc. TECH.

**Adamson, Arthur ... ..	1912	cAustin, Charles Reuben ... ..	1920
cAdamson, Arthur Norman ... ..	1925	Avery, Hugh Burton ... ..	1911
Advani, Pritandas Bhojraj ... ..	1918		
cAndersen, Anders ... ..	1926	Badger, May (Mrs. Craven) ... ..	1908
Anderson, Robert Mair ... ..	1910	cBalaban, Isidore Elkanah, Ph.D. ... ..	1921
cArrowsmith, George ... ..	1909	cBarash, Michael, Ph.D. ... ..	1918
cAshhurst, William, B.Sc. ... ..	1931	cBarker, Sydney Warren ... ..	1922
cAshworth, John ... ..	1926	cBarnes, George Reginald ... ..	1927
cAshworth, John ... ..	1931	cBarnett, Stanley ... ..	1924
cAttack, Frederick William, D.Sc. ... ..	1912	cBarratt, Noel Marshall ... ..	1932
cAtkinson, John ... ..	1923	cBarton, John ... ..	1927
cAtkinson, Sidney ... ..	1927	†Batey, John Percy ... ..	1909

1 Oriel Professor of the Philosophy of the Christian Religion in the University of Oxford and formerly Principal of Egerton Hall, Manchester.

2 Late Professor of Biblical Criticism and Exegesis in the University.

3 Principal of Yorkshire United Independent College, Bradford.

4 Late Professor of Medieval History, McGill University, Montreal.

\* Awarded M.M.

† Awarded Belgian Croix de Guerre; D.C.M.

\*\* Degree conferred under Charter II. (3).

M.Sc. TECH.—continued.	Date of Degree		Date of Degree
cBayley, Frank ... ..	1916	Cramer, Barnett Joseph ... ..	1913
cBean, Charles Percy ... ..	1926	c2Cramp, William, D.Sc. ... ..	1913
cBeeley, Eric William ... ..	1924	Craven, Mrs. See Badger, May.	1909
Bell, Hugh Glover ... ..	1914	cCrawshaw, Harry ... ..	1928
cBennett, George Arthur, M.A. (Com.)	1929	cCross, James ... ..	1928
cBennion, Edmund Baron ... ..	1923	*Cunliffe, James Grimshaw ... ..	1908
cBerry, Harold ... ..	1924	Cunliffe, Richard Grimshaw ... ..	1908
cBerry, William ... ..	1924		
cBevan, Thomas ... ..	1915	cDarhoos, Moustafa Mohammed ... ..	1933
cBhattacharya, Brajendra Chandra	1930	cDatta, Subodh Khirishna ... ..	1930
cBinns, Vincent ... ..	1921	cDavies, John Stanley Herbert, Ph.D.	1920
cBlack, Raphael ... ..	1928	Delahunty, Paul Vincent ... ..	1908
cBond, Cecil Robertson ... ..	1931	cDigweed, Charles Roy ... ..	1924
cBooth, Francis Micklewright ... ..	1929	cDoxey, Gerard ... ..	1930
cBooth, John Roy Newnan ... ..	1923	c**3Drury, Francis Edson ... ..	1923
cBor, Joseph, B.Sc. ... ..	1932		
Bostock, Bertram Ravenscroft ... ..	1909	cEccles, Arthur ... ..	1928
Bostock, Clifford ... ..	1911	cEgan, James Patrick ... ..	1922
cBoswall, Robert Oliphant ... ..	1924	cElice, Norman ... ..	1921
Bosman, Frank ... ..	1911	Elice, Tom ... ..	1910
cBradshaw, Eric ... ..	1931	Embleton, Arthur ... ..	1913
cBramwell, Evelyn Carlton		cEnglish, Walter ... ..	1924
(Mrs. Harold Storey) ... ..	1922	cEssam, John Maltby ... ..	1926
cBrierley, John Corns ... ..	1924	cEvans, Harry Leonard ... ..	1924
c*Brindley, William Harrison, Ph.D.	1922	cEvans, John Gwynant ... ..	1929
Brinsley, Frank ... ..	1913	Evans, Sam ... ..	1909
cBronnert, David Henry ... ..	1932		
cBrookes, George ... ..	1927	cFairhurst, Harold Hargreaves ... ..	1928
*Brotherton, Harrison ... ..	1910	cFarrar, Eric John ... ..	1931
cBrown, William Richardson ... ..	1930	cFarrer, Sidney ... ..	1929
cBryans, Frank ... ..	1926	cFernandes, Francis Vito ... ..	1919
cBurns, Alan Chamley ... ..	1920	Firth, Agnes ... ..	1912
cBurns, Herman Morrison ... ..	1924	**Fishenden, Richard Bertie ... ..	1915
cBurns, Philip Leonard		cFletcher, Norman Barry ... ..	1932
(graduated B.Sc.Tech. as Bernstein)	1924	cForshaw, Henry Watson ... ..	1923
cBurr, Alfred Hamilton ... ..	1926	cForsyth, Robert, Ph.D. ... ..	1923
Burris, Richard ... ..	1922	cForsyth, William Greenwood ... ..	1924
cButterworth, Ernest, B.Sc. ... ..	1926	**Fox, Thomas William ... ..	1906
cButterworth, Frederick Fielden ... ..	1933	cFrith, Louis, B.Sc. ... ..	1932
cButterworth, Jack ... ..	1928		
cCampbell, Duncan Arthur ... ..	1926	cGaff, Henry Douglas ... ..	1931
Caupbell, James Williamson ... ..	1908	†**Gamble, Charles William ... ..	1906
Cansino, Joshua H. ... ..	1910	cGampell, Sydney Solomon ... ..	1925
Carpenter, Charles William ... ..	1915	cGarner, Richard Hough ... ..	1929
cCarr, Laurence Hudson Ashdown ... ..	1909	**Gee, William Winson Haldane ... ..	1906
Carrington, Herbert, D.Sc. ... ..	1926	cGelling, Alfred John McAlpin ... ..	1925
cChadderton, Edward ... ..	1926	††Gibson, Charles Stanley ... ..	1908
cChadwick, Marion ... ..	1920	cGibson, William ... ..	1922
cChadwick, Samuel ... ..	1921	cGillett, James Keith ... ..	1928
cChand, Lakshami ... ..	1910	cGodbert, Albert Laurence ... ..	1922
cCheshire, Leslie Jack ... ..	1922	cGokhale, Baskar ... ..	1929
cChew, Clifford ... ..	1927	cGoodger, Arthur Harold ... ..	1926
cChristian, John Austen ... ..	1935	cGopalswami, Bangalore Muniswamappa	1925
cClark, David Allen Richard ... ..	1932	**Grant, James ... ..	1910
cCockcroft, John Douglas ... ..	1921	cGrant, Reginald Lindsay ... ..	1921
cCoe, Gertrude Fallows, B.Sc.		cGreenwood, Robert Stansfield ... ..	1920
(Mrs. E. V. Newnham) ... ..	1918	cGrindley, Robert, Ph.D. ... ..	1924
cCoe, Noël, William ... ..	1928	cGupta, Nripendra Nath Sen ... ..	1929
cCoe, Reginald Thornton ... ..	1922	§Gyther, Henry James ... ..	1912
cCoilins, George Ernest ... ..	1921		
Constantine, Herman Richard ... ..	1913	cHall, William ... ..	1917
Cooling, John William ... ..	1910	cHancock, Algie ... ..	1922
cCoop, Eric ... ..	1928	cHannah, James Dickson ... ..	1922
cCoppock, Philip Daiton, B.Sc.	1927	cHannon, John ... ..	1929
cCorbishley, Samuel Geoffrey ... ..	1924	cHanton, William Alexander ... ..	1920
cCorser, Harold Kenelm ... ..	1922	cHarker, Katherine Nancie Helen, B.Sc.	1921
Cory, Harold Edward John ... ..	1910		
cCrabtree, Harold Stead ... ..	1926		
cCraig, Thomas John Ireland ... ..	1918		

1 Fellow of St. John's College, Cambridge.

2 Professor of Electrical Engineering in the University of Birmingham.

3 Principal of London County Council School of Building, Brixton.

4 Professor of Chemistry in Guy's Hospital Medical School, University of London.

\* Awarded M.C. † O.B.E. ‡ F.R.S. § Awarded M.C. with second bar.

|| Mentioned in Despatches. \*\* Degree conferred under Charter II. (3).

M.Sc. TECH.—continued.	Date of Degree		Date of Degree
Harrison, William ... ..	1912	cLeigh, Walter Norman ... ..	1916
cHartley, Thomas Stanley, B.Sc. ... ..	1930	cLeighton, Gordon Loftus ... ..	1931
cHastings, John James Hunter ... ..	1936	cLeon, Morris ... ..	1917
cHatton, Charles Alfred ... ..	1922	cLevin, Clara ... ..	1922
cHatton, John Percival ... ..	1933	cLevin, Esther ... ..	1921
cHayes, Thomas Reginald ... ..	1923	cLewis, Gladys Mary	
cHazeldine, Charles Edgar ... ..	1923	(graduated B.Sc. Tech. as Wigley)	1922
**Herring-Shaw, Alfred ... ..	1912	cLeyland, John ... ..	1927
cHey, Israel ... ..	1923	cLight, Louis ... ..	1922
Heys, George Duncan Arthur ... ..	1913	cLocker, Thomas Cecil, M.Com. ... ..	1922
**Hibbert, Eva ... ..	1916	cLockton, Cedric Phillips ... ..	1924
cHill, Edward Percy ... ..	1926	cLomax, John ... ..	1932
cHimmat, Mahmoud Ahmed ... ..	1927	cLund, William Jackson ... ..	1914
cHolden, George Edward ... ..	1916	cLupton, Toni Reginald ... ..	1925
cHolt, Sidney ... ..	1929	cLythgoe, William ... ..	1929
Horner, Thomas ... ..	1908	McCraith, John Stuart ... ..	1916
cHothersall, Arthur Wesley ... ..	1929	**McCulloch, Andrew ... ..	1928
Hothersall, William Christian ... ..	1914	cMcGregor, Douglas Sheldon ... ..	1929
cHoward, Bernard Scott ... ..	1929	cMcKay, William Barr ... ..	1933
cHoyle, Bertram ... ..	1918	cMackenzie, Kenneth ... ..	1928
cHsueh, Dih-Yee ... ..	1933	cMacMahon, Heber Hugh ... ..	1910
cHubball, Wilfrid, Ph.D. ... ..	1922	cMacpherson, Harold ... ..	1922
**Hubner, Julius ... ..	1906	cMalwin, Victor ... ..	1922
cHudson, Frank, B.Sc. ... ..	1924	cMarchant, Albert Edward ... ..	1930
cHumphries, Norman Samuel Antliff ... ..	1924	Marks, Edward ... ..	1922
cHyland, Thomas ... ..	1923	cMarks, Sydney ... ..	1921
		cMarsh, Arnold ... ..	1925
cIsherwood, Cyril, B.Sc. ... ..	1932	cMassey, James ... ..	1921
		cMassey, Leonard ... ..	1926
*Jackson, Harry Yule Vivian ... ..	1911	cMatar, Ibrahim Hilmy el-Said ... ..	1928
Jacobs, Julius ... ..	1913	cMathias, Owen ... ..	1923
cJacobs, Ridley Saul ... ..	1925	cMaurice, Norman Brocklehurst, Ph.D.	
cJaffrey, John Alan ... ..	1922	Maycock, Charles Ernest	
cJambuservala, Gov Bannanshaw ... ..	1928	cMedofski, Samuel (now S. Medsforth) ... ..	1917
Jenkins, Daniel ... ..	1911	Medsforth, S. See Medofski, S.	
cJenkins, Samuel Harry ... ..	1924	cMehta, Mohanlal Prantal ... ..	1928
cJennings, Joseph Keith ... ..	1924	cMelling, Cecil Thomas ... ..	1921
Johnson, Eric Maurice ... ..	1911	cMetcalfe, Alfred Whitley ... ..	1930
Jolley, Fred Raby ... ..	1912	cMilburn, Denys Percival ... ..	1932
cJones, Edward Charles Snell ... ..	1931	cMohn, George ... ..	1920
cJones, Thomas Herbert, B.Sc. ... ..	1923	cMontgomery, Fred Harding ... ..	1932
**Jordan, Henry George ... ..	1906	cMoore, Albert Edwin ... ..	1917
2 Jordan, Henry Paul ... ..	1908	cMoore, Burrows, Ph.D. ... ..	1919
cJoshi, Pandurang Narayan ... ..	1931	Moore, Harold ... ..	1912
		Moore, Joseph Albert	
cKanga, Dorab Pestonjee ... ..	1932	cMoore, Ronald Leslie, B.Sc. ... ..	1931
cKapadia, Dorab Franji ... ..	1932	cMorgan, Ayad Loka ... ..	1929
cKay, Harry ... ..	1931	cMorley, Arthur Milnes, Ph.D. ... ..	1922
cKaye, Madge, B.Sc. ... ..	1919	cMorrey, Percy ... ..	1921
Keer, Roger Kininmonth ... ..	1908	cMorton, Frank ... ..	1931
cKelly, Charles Ignatius ... ..	1924	cMorton, William Ernest ... ..	1923
3 Kemp, Philip ... ..	1909	cMounfield, James Dennis ... ..	1923
cKenyon, Geoffrey Holland ... ..	1929	cMuller, Eric Frank ... ..	1925
cKhan, Abdul Ghafoor ... ..	1918	cMurgatroyd, Frederick ... ..	1926
cKhotibasker, Moreshvar Ganesh ... ..	1920	cMurthy, Bhermarao Khishna ... ..	1928
cKirby, John Albert ... ..	1933	**Myers, William ... ..	1914
**Knecht, Edmund ... ..	1906		
cKnight, Edwin Coulthard ... ..	1930	Nair, Valliyil Govindan ... ..	1911
cKofvuhieto, Reino Weikko ... ..	1920	Nasmith, John Irving ... ..	1911
		cNeville, Thomas Shore ... ..	1932
cLamb, Ivan Douglas ... ..	1923	cNewall, Harold Earle ... ..	1923
cLanigan, George Ernest, B.Sc. ... ..	1931	Newman, Herbert Samuel ... ..	1911
Lantsberry, Frederick Charles Alfred Hyatt	1910	Newnham, Mrs. E. V.	
cLawson, Thomas Marsland ... ..	1922	See Cocks, Gertrude F.	
cLea, Charles ... ..	1921	**Nicolson, John Thomas ... ..	1906
Leeming, Ernest Leonard ... ..	1909	cNimkar, Vishvanath Krishna ... ..	1925
cLeigh, Arthur ... ..	1924	Nyman, Alexander ... ..	1915

1 Principal, Technical Institute, York.

2 Formerly Professor of Structural Design, Government College, Poona.

3 Head of Electrical Engineering Department, Regent Street Polytechnic, London.

4 Head of the Building Department in the College of Technology, Manchester.

5 Professor of Textile Technology in the University.

6 Principal, Government Textile School, Cawnpore.

7 Late Professor of Textile Technology in the University.

8 Late Professor of Mechanical Engineering in the University.

\* Awarded M.C.

† M.B.E.

\*\* Degree conferred under Charter II. (3).

M.Sc. TECH.—continued.	Date of Degree	Date of Degree	
cOakden, John Clarke ... ..	1927	Shaw, Ernest ... ..	1910
cOiserman, Cemach... ..	1918	cShaw, Frank ... ..	1916
cOkamoto, Katsuzo ... ..	1916	cShaw, Herbert ... ..	1928
cOwner, Frank Morgan ... ..	1924	cShepherd, William Raymond ... ..	1929
		cShorrock, James Norman ... ..	1921
		cSimpkin, Neville ... ..	1920
		Singer, Maurice Worth.	
		See Singer, Moses	
cPál, Patitpabon ... ..	1933	(now Singer, Maurice Worth)	1914
cParrish, Eric ... ..	1925	cSingh, Kishen ... ..	1925
cPatel, Chaturbhai Kuberbai ... ..	1928	cSinha, Juanendra Nath ... ..	1922
cPayman, Joseph ... ..	1916	cSinnatt, Frank Sturdy, D.Sc. ... ..	1915
cPayman, William, D.Sc. ... ..	1916	cSivasankaraiya, Tumkur ... ..	1926
cPeachey, Stanley John ... ..	1909	cSlater, Leonard, Ph.D. ... ..	1915
cPearson, Ernest Leigh ... ..	1923	cSlater, William Thornton ... ..	1924
cPerry, Fergus Roy ... ..	1924	Smith, Charles Frederick ... ..	1909
Pickworth, Philip Charles Newton ... ..	1908	**5Smith, Dempster ... ..	1913
Pickington, Geoffrey Eaton ... ..	1912	cSmith, Kate ... ..	1933
cPlatt, Geoffrey Hine ... ..	1932	Southern, Harry Leslie ... ..	1914
cPollard, Arthur ... ..	1931	cSpencer, William Gordon ... ..	1912
cPollitt, Alan Ashton ... ..	1916	cSpiby, Horace ... ..	1926
cPolychronis, Constant Constantin Nicolas ... ..	1917	Scrivastava, Jyala Prasad ... ..	1926
**1Pope, William Jackson ... ..	1906	cStafford, Fred Raymond ... ..	1911
Pradhan, Balkrishna Bhasker ... ..	1912	cStainer, William Witcombe ... ..	1927
Prescott, Raymond Coleman ... ..	1912	cStaley, Edmund ... ..	1915
cPrice, Ernest Maurice ... ..	1927	cStent, Howard Braithwaite, B.Sc. ... ..	1924
cProffitt, Edward Arnold ... ..	1925	Stephens, William Arthur ... ..	1929
		Storey, Mrs. Harold.	1909
cQuinn, Frederick Hubert ... ..	1922	See Bramwell, Evelyn C.	
cRabenovitch, Hyman Saloman ... ..	1939	cStreat, George Herbert ... ..	1922
(now Ravenson, Harry)		cSummer, John Houghton ... ..	1931
**2Radcliffe, Joseph ... ..	1906	Sunpar, Sih ... ..	1912
**2Radcliffe, Lionel Guy ... ..	1912	cSutcliffe, William ... ..	1925
cRaghavachar, Aerukalava Venkatanarasimhachar ... ..	1924	cSuthers, Arthur James ... ..	1931
cRatcliffe, Thomas ... ..	1922	cSwami, Adoni Yogananda ... ..	1932
cRavald, Leonard Allen ... ..	1920	cSwann, William John Nicholls ... ..	1928
Ravenson, Harry			
See Rabenovitch, H. S.			
cRedford, Charles Frederick, jun. ... ..	1923	cTarbett, Victor John ... ..	1922
Reynolds, Frank Gordon ... ..	1909	cTasker, Cyril ... ..	1923
**3Rhead, Ezra Lobb ... ..	1910	cTattersall, Walter ... ..	1922
cRichards, Charles Graham ... ..	1925	cTaylor, John Eric ... ..	1929
cRiley, Arthur, B.Sc. ... ..	1929	Taylor, George Henry ... ..	1908
cRobert, Roger Laurent Felix ... ..	1924	cTaylor, Nathan ... ..	1920
cRobertson, George Archibald ... ..	1931	Taylor, Sidney Herbert ... ..	1914
cRobertson, Kenneth James Rennie ... ..	1922	Taylor, Stanley Edward Weston ... ..	1912
cRobinson, Alan Theodore Cedric ... ..	1929	Teggin, George Smith ... ..	1908
cRobinson, Frank Arnold ... ..	1930	cTepper, Wolfe ... ..	1925
Robinson, Frederic ... ..	1912	cThadham, Hotechand Righumal ... ..	1925
cRobinson, Hereward George Bentley ... ..	1932	cThomas, Terence Felix ... ..	1926
cRobson, Leonard Seardison ... ..	1921	cThompson, Frank Peberdy ... ..	1921
cRoyleance, James ... ..	1923	cThompson, Leonard ... ..	1920
cRucklidge, William Aspinall ... ..	1923	cThornley, George Herbert ... ..	1925
Rushton, Albert ... ..	1908	*Threfall, Harry ... ..	1912
		cTimmis, Geoffrey Milward ... ..	1922
cSadasivan, Ramasamy ... ..	1933	cTimmis, Laurence Barnett ... ..	1921
**3Schwartz, Alfred		Tong, Walter Wharton ... ..	1911
(later A. Schwartz-Barnes)		cTownson, Harry ... ..	1930
cScott, Thornton ... ..	1924	cTravis, Arthur Hadkinson ... ..	1931
cSeddon, William ... ..	1921	cTricker, Reginald Ernest Lanham ... ..	1924
cSen, Dhires Lobhan ... ..	1923	Trickett, Anthony Berry ... ..	1911
cShakeshaft, John Edward ... ..	1922		
cShallcross, Arthur ... ..	1914	cVakil, Kapilram Hardevram ... ..	1917
cSharp, Thomas Marvel ... ..	1923	cVashist, Shankar Dat ... ..	1930
cSharples, Edwin Holroyd ... ..	1924	cVatchagandhy, Jal Sorabji ... ..	1927
cShatwell, Hugh George, B.Sc. ... ..	1920	cVenkataraman, Krishnasami, Ph.D. ... ..	1925

1 Professor of Chemistry in the University of Cambridge; formerly Professor of Applied Chemistry in the University; Kt.

2 Late Head of the Department of Municipal and Sanitary Engineering in the College of Technology, Manchester.

3 Late Professor of Electrical Engineering in the University.

4 Director of Fuel Research, Department of Scientific and Industrial Research; M.B.E.

5 Professor of Mechanical Engineering in the University; M.B.E.

\*\* Degree conferred under Charter II. (3).

## M.Sc. TECH.—continued.

	Date of Degree		Date of Degree
cWaddington, George ... ..	1931	cWilson, Stanley Pierce, M.D. ... ..	1915
cWalthew, Reginald Carrington ... ..	1921	**Winstanley, George Hiram ... ..	1910
cWarburton, Christopher Henry ... ..	1912	cWinterbottom, Arthur Baker ... ..	1926
cWaughray, Prithvinath ... ..	1927	**Winterbottom, James ... ..	1914
cWebb, Philip Henry ... ..	1922	cWood, Charles Goldstraw ... ..	1920
cWhitelegg, Cyril James ... ..	1922	cWood, James William ... ..	1914
cWhittaker, John Robert ... ..	1931	cWooler, Arnold ... ..	1924
cWhittle, Thomas ... ..	1930	cWootton, Eric ... ..	1924
cWild, Sydney Victor ... ..	1927	cWorsdell, Thomas Arnold ... ..	1923
cWilkins, Arnold Frederic ... ..	1928	**1Wrapson, James Platt ... ..	1906
Williamson, Ernest ... ..	1914		
cWillis, Frederick William ... ..	1918	cYates, Morris Lord ... ..	1925
cWilloughby, Godfrey Pountney ... ..	1910	Yusuf, Syed Mahammed ... ..	1911

## B.Sc. TECH.

cAbul-Ela, Abul Ela Mahmoud ... ..	1927	cBannister, Sydney ... ..	1923
cAdamson, Donald Wallace ... ..	1932	cBapat, Mahades Nilkanth ... ..	1932
cAdamson, John Thewlis ... ..	1921	cBardsley, Frederick ... ..	1927
cAdamson, Oliver Hardman ... ..	1933	cBarenbohm, Aron ... ..	1916
cAdey, John Edward ... ..	1923	cBarker, Roland ... ..	1907
cAdvani, Bhagwandas Himatsing ... ..	1930	cBarnard, Theodore Robert ... ..	1926
cAdvani, Khemchand Kotumal ... ..	1931	cBarnes, Harry Cheetham ... ..	1921
cAdvani, Ramchand Chainrai ... ..	1928	cBaron, Henry Lewis ... ..	1923
cAfzal, Mohamed Ali Khan ... ..	1926	cBarrett, George Edward ... ..	1922
cAgar, Edwin Walker Leyden ... ..	1932	cBarton, Albert Eaton ... ..	1922
cAhlsström, Hans Erik Gunnar ... ..	1927	Barton, Thomas ... ..	1921
cAinsworth, Geoffrey Nichols ... ..	1931	cBayes, Alfred Walter ... ..	1929
cAirey, Frank Stuart ... ..	1929	cBaylis, Percival George Serjeant ... ..	1921
cAltkhan, Mir Vizarat ... ..	1933	cBean, George Robert ... ..	1929
Alan, Annie ... ..	1919	cBeanland, Arthur John ... ..	1932
cAllcock, Frank Byard ... ..	1924	cBeck, Leonard ... ..	1922
cAllison, Harry ... ..	1922	cBedford, John Gordon ... ..	1920
cAlston, William ... ..	1931	cBeg, Mirza Mustafa ... ..	1926
cAmbady, Govindan Kuttythensan ... ..	1933	cBegg, George Alexander James ... ..	1920
cAmir, Syed Mohamed ... ..	1924	cBeggs, David Norman ... ..	1929
cAnderton, Fred ... ..	1923	Beggs, John Coulter ... ..	1926
cAnkersmit, Anton ... ..	1927	Bell, Robert Lancaster ... ..	1907
cAnkersmit, Diderik Leonard ... ..	1926	cBenfield, Thomas ... ..	1931
cAppleton, Joseph Richard ... ..	1933	cBennett, Samuel John ... ..	1922
cAraç, Ramachandra Gopal ... ..	1931	cBenstead, Charles Grey ... ..	1922
cArnot, William Donald ... ..	1921	cBentley, Joseph Holman ... ..	1932
cAshdown, Maurice Herbert ... ..	1928	Berlin, Leslie Joseph ... ..	1913
cAshton, Dorothy ... ..	1918	cBernard, John Iver ... ..	1921
Ashton, George ... ..	1908	c2Bernstein, Philip Leonard	
cAshworth, Frank McAlpine ... ..	1924	(now P. L. Burns, M.Sc. Tech.) ... ..	1917
cAslamidis, Pandelis Nicholas ... ..	1930	cBerry, Norman ... ..	1925
cAstbury, William ... ..	1917	cBertenshaw, Norman Wright ... ..	1932
Aston, Kenneth ... ..	1914	cBhandari, Raghib Chand ... ..	1929
cAthey, John Bernard ... ..	1933	cBhatia, Roshan Lal ... ..	1931
cAtkinson, Arthur Leslie ... ..	1933	cBhatia, Shamdas Dandumal ... ..	1929
cAtkinson, Frank ... ..	1930	cBhavnagri, Shapur Klinkshro ... ..	1924
cAtkinson, George Scott ... ..	1918	cBhavnani, Hashmatrai Khubchand ... ..	1924
cAtkinson, Marjory Rose ... ..	1921	cBianca, Edoardo Giuseppe ... ..	1929
Austin, Samuel Sydney ... ..	1912	cBibby, Herbert Frederick ... ..	1933
		cBirchall, Harold ... ..	1931
cBadawi, Hassan Mohammed ... ..	1932	cBirchall, Lawrence Edwin ... ..	1920
Badger, Louie Midgley ... ..		cBirtwistle, Arthur Charles ... ..	1929
		cBirtwistle, Thomas William Sydney ... ..	1930
		cBlack, George	
		(now George Saunders Douglas Black)	1921
		Black, George Saunders Douglas	
		See Black, George	
		cBolton, James Frankland ... ..	1920
		cBolton, Robert ... ..	1921
		cBomford, Leslie ... ..	1927
		cBoodson, Isidor ... ..	1908
		cBooth, Frank ... ..	1924
		cBooth, Norman Joseph ... ..	1922
		cBoothway, George Hartley ... ..	1919
		cBoulsen, Harold Godfrey ... ..	1926

1 Late Vice-Principal of the College of Technology, Manchester.

2 Professor of Electrical Engineering, Municipal College of Technology, Belfast.

\*\* Degree conferred under Charter II. (3).

B.Sc. TECH—continued.

	Date of Degree
cBoulton, John ... ..	1930
cBower, Harold Davies ... ..	1924
cBowles, Reginald Ewart ... ..	1921
Bowmer, John James ... ..	1909
cBowyer, Eric ... ..	1931
Box, Raymond ... ..	1914
cBoyer, Richard ... ..	1930
cBoyland, Eric, M.Sc. ... ..	1926
cBrackenbury, Kenneth Allan ... ..	1924
cBradshaw, Joseph Tarver ... ..	1932
cBramall, Geoffrey ... ..	1924
cBramley, Eric Charles ... ..	1924
cBreakell, Arnold ... ..	1922
cBrearley, James ... ..	1932
cBridge, Charles Gordon ... ..	1932
cBroadhurst, Harold Marland ... ..	1914
cBromley, Norman ... ..	1931
cBrooke, George Victor ... ..	1920
cBrooks, Alfred Maurice... ..	1926
cBrooks, Sarah ... ..	1922
cBroome, Albert Henry ... ..	1922
cBrown, Reginald Lewis ... ..	1923
Brown, Robert Stanley... ..	1910
cBrown, Sydney Charles ... ..	1922
cBrown, Vance Auberon ... ..	1921
cBrown, Vincent Walker ... ..	1930
cBrownson, Gilbert Lever ... ..	1927
cBuchanan, Matthew Scott ... ..	1921
cBuckley, Richard ... ..	1930
cBull, Lionel Alfred ... ..	1923
Bunch, John ... ..	1912
cBurgoin, Edward ... ..	1929
cBurnet, Harold ... ..	1922
Burns, P. L. See Bernstein, P. L.	
cBurt, Brian Morton ... ..	1921
cButterford, Samuel Walter ... ..	1926
cBuyse, Marcel Theophile ... ..	1923
cCallis, Geoffrey Thomas ... ..	1926
cCampbell, Thomas Evans ... ..	1931
cCandlish, Charles Gilbert ... ..	1922
cCarrellas, Panayiotis D. ... ..	1922
cCarruthers, John Edward ... ..	1925
cCatford, Maurice Braund ... ..	1932
cCatterall, Harold Hodgson ... ..	1925
cChadwick, James ... ..	1924
Chadwick, Robert Bertram ... ..	1907
cChakravarti, Sudhakar ... ..	1923
cChakravarty, Sailaja Nath ... ..	1928
cChandiramani, Mangharam Bulchand ... ..	1929
*cChandler, Frank Ewart ... ..	1922
cCharnock, Frederick Clement ... ..	1931
cChaudhuri, Joy Deb ... ..	1928
cChazan, Rachel ... ..	1921
cChazan, Simon ... ..	1914
cChazan, Sydney ... ..	1919
Chetty,	
Carnapati Venkata Krishnaswami ... ..	1910
cChinnappa, Edwin Bhaktavatsala ... ..	1931
cChurnside, Herbert Stuart ... ..	1932
cChorley, John William Arthur ... ..	1932
cChristian, Albert Millais Crossley ... ..	1923
cClapham, Joseph Edward ... ..	1925
cClarke, Maurice Moxon ... ..	1927
cClayton, William Reginald ... ..	1928
cClegg, Percy ... ..	1921
cClipsham, George Frederick... ..	1922
*cCoding, William Garnett ... ..	1910
cCohen, Israel Victor ... ..	1922
Cohen, Manasseh ... ..	1911
cCohen, Maurice Myer, M.B., Ch.B. ... ..	1918
cColclough, John ... ..	1924
cCole, George Milner ... ..	1933

	Date of Degree
cCollier, Geoffrey Woodruff ... ..	1917
cCongdon, John ... ..	1931
cCook, William Norman ... ..	1917
cCooper, John Percy ... ..	1933
cCotterill, Ernest ... ..	1930
cCoulson, Donald Arthur ... ..	1930
Coupe, Walter... ..	1923
cCourtenay, Harry ... ..	1931
Counyoudjian, Aggup Chan.	
See Counyoudjian, Agop	
cCounyoudjian, Agop	
(now Counyoudjian, Aggup Chan)	1929
cCrabtree, Harold Ashworth ... ..	1923
cCrabtree, Thomas ... ..	1932
cCraddock, Robert Steele ... ..	1922
cCraig, Alexander Baird... ..	1922
cCrass, Norman Edward ... ..	1933
cCrawshaw, Alan Donald ... ..	1923
cCrawshaw, Alfred Hunter ... ..	1922
cCreasey, Cecil ... ..	1932
cCroasdale, Harold Owen ... ..	1929
cCrosby, Philip Hallard ... ..	1930
cCrossland-Hinchliffe, John Clive ... ..	1933
cCrossley, Harold Edgar ... ..	1925
cCunliffe, Edward Neill ... ..	1928
Cunliffe, Harry Norman ... ..	1907
Curnow, Eland ... ..	1914
cCurphy, George Alfred ... ..	1924
cDamesick, Isaac ... ..	1920
cDaniels, Marcel ... ..	1927
cDas, Amarendra Nath ... ..	1933
cDas, Anulya Krishna ... ..	1928
cDasani, Purnshottam Narayan ... ..	1924
cDastidar, Nagendra Nath Ghosh ... ..	1926
Davenport, Vernon ... ..	1909
cDavidson, Abram Charles ... ..	1928
cDawe, Alfred ... ..	1921
cDawe, Thomas ... ..	1915
cDawes, Fred Sydney Hodgson ... ..	1922
cDawson, Herbert ... ..	1923
cDean, Edmund Stanley ... ..	1922
cDean, Ralph Hubert ... ..	1927
cDelany, Denis Macadam ... ..	1925
cDensem, Norman Eastcott ... ..	1933
cDenton, Harold ... ..	1920
cDichmont, Ronald William ... ..	1927
cDiggle, Harold ... ..	1915
Doff, Maurice... ..	1911
cDonnelly, Wilfrid ... ..	1921
Doog, John Miles Gregory ... ..	1908
cDordi, Faramroj Pestanji ... ..	1927
Dout, Charles Louis ... ..	1910
cDownes, Aubrey Douglas Wheldal ... ..	1922
Downing, James, jun. ... ..	1914
cDreyfus, Henry Benfey ... ..	1930
cDriver, William Bannister ... ..	1923
cDrummond, Christopher ... ..	1928
cDuarte, Adolphus Swithin Telemarque ... ..	1924
cDuckworth, Harry... ..	1932
cDuerden, Tom ... ..	1923
Duguid, Leslie Newman ... ..	1914
Duguid, Sydney Newman ... ..	1909
Dunworth, Alice Gertrude ... ..	1914
Dunworth, James Francis ... ..	1909
Dunworth, John Leonard ... ..	1907
Dunworth, Sydney William... ..	1916
cDutta, Birendra Nath ... ..	1915
cDutta, Sesin Coomar ... ..	1922
Dyer, Alfred ... ..	1914
cE, Maung ... ..	1930
cEaton, Noel Beattie ... ..	1930

1 Secretary of Education for Worcester.

\* Awarded M.C.



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	Date of Degree		Date of Degree
cEatough, Clifford ... ..	1921	Grounds, Arthur ... ..	1913
cEchavarria, Hernan Edgar ...	1932	cGrundy, Eric ... ..	1929
cEdgeworth-Johnstone, Robert ...	1926	Guha, Ashutosh ... ..	1913
cEdmondson, Harold Leonard ...	1925	cGuilford, Alfred Leslie ... ..	1922
cEdmondson, Leonard ... ..	1922	cGulrajani, Navalrai Tirthdas ...	1930
cEdwards, Charles Philip ... ..	1932	cGupta, Chittaranjan Dass ... ..	1927
cEl Shishini, Mahmoud ... ..	1924	cGupta, Chunni Lal ... ..	1931
cElliott, Harry Laurence ... ..	1932	cGupta, Kanakendu ... ..	1931
cElstob, Arthur Douglas ... ..	1917		
cEvans, Herbert Farmer ... ..	1922	cHaddad, Philip Nagi ... ..	1925
cEvans, Herbert Oliver ... ..	1922	cHagry, Solman Aziz ... ..	1924
cEvans, William ... ..	1916	cHall, Fred ... ..	1928
cEvans, Wynn Havryn ... ..	1928	cHall, Frederic ... ..	1922
		cHall, Harry ... ..	1922
cFahmy, Ragheb Nessim ... ..	1932	cHall, Joseph Stanley ... ..	1923
cFairhurst, William Harry ... ..	1931	cHall, Reginald Harold ... ..	1933
cFaragher, Arthur John ... ..	1926	cHall, Wilfred ... ..	1922
cFarmer, William Thorpe ... ..	1922	cHall, William John ... ..	1922
Faulkner, Joseph William ... ..	1912	cHalstead, Frank, B.Com. ... ..	1922
cFenton, William ... ..	1923	cHamand, Dattaram Sambhaji ...	1926
cFerguson, John ... ..	1931	cHamer, Sidney Acton ... ..	1928
cField, Charles Edgar ... ..	1921	cHamilton, Robert ... ..	1929
cField, Victor Harvey ... ..	1923	cHampson, Cyril Garforth ... ..	1921
cFielden, John Arthur ... ..	1927	cHampson, Harry ... ..	1927
cFielding, Colin Heap ... ..	1933	cHampson, Ralph ... ..	1909
cFinkel, Mark ... ..	1928	cHamson, Paul ... ..	1923
cFirth, John James ... ..	1925	cHancock, George ... ..	1932
cFitzsimons, Margaret Mary ... ..	1932	cHandley, Ronald Laroux ... ..	1930
cFlax, Samson ... ..	1920	cHandley, William Cecil ... ..	1921
cFleming, Jack Morris ... ..	1928	cHardman, David Wilson ... ..	1933
cFletcher, Joseph Stanfield ... ..	1921	cHargraves, Leonard Percy ... ..	1927
Flight, Harold ... ..	1924	cHargraves, Robert Edwin ... ..	1932
cFlinn, Francis Arthur ... ..	1922	cHargreaves, James ... ..	1929
cFoden, Arthur Moore ... ..	1921	cHarper, Harold Francis ... ..	1919
cFowler, Geoffrey ... ..	1928	cHarris, Frank ... ..	1932
cFox, Frank ... ..	1923	cHarris, Valentine Arthur ... ..	1922
cFrancis, Roger ... ..	1929	cHarrison, George Ernest ... ..	1923
cFrost, Thomas Milner ... ..	1922	Harrison, Henry Moore ... ..	1908
cFuchs, Arnold ... ..	1921	Harrison, Thomas Miller ... ..	1922
		cHarrison, Thomas Reginald Percival ...	1924
cGafni, Isaac ... ..	1916	cHarrison, William Harold ... ..	1922
cGardiner, Robert ... ..	1922	cHart, Thomas ... ..	1922
cGarfield, Francis ... ..	1924	cHartshorne, Ernest ... ..	1922
cGarrett, William Basil ... ..	1911	cHartup, Farnworth ... ..	1925
Garside, Robert Ollerenshaw ... ..	1922	cHatton, John Eric ... ..	1924
cGarvie, William Macgregor ... ..	1932	cHatton, Walter ... ..	1922
cGaskell, Francis Rupert ... ..	1927	cHayman, William ... ..	1931
cGee, Colin Brooke ... ..	1920	cHazare, Gajanan ... ..	1933
cGee, Frank Watson ... ..	1923	cHeap, Bertram ... ..	1927
cGeering, Leo Edwards ... ..	1923	cHeap, David ... ..	1921
cGeldart, Thomas Howard ... ..	1923	cHeap, Herbert Raymond ... ..	1929
cGhadiali, Mahyarji Ratonji ... ..	1908	cHegan, Alfred Desmond ... ..	1922
cGibbons, Arthur John ... ..	1920	cHeikhiha, Aarne Sigrid ... ..	1916
cGibson, Arnold William ... ..	1920	cHelliwell, Joseph Brock ... ..	1923
cGibson, Norman ... ..	1929	cHemping, Harris ... ..	1925
cGill, Thomas ... ..	1922	cHey, Charles Matthews ... ..	1928
Giblin, Arthur ... ..	1916	cHeywood, Herbert ... ..	1921
cGlass, Nathan Percy ... ..	1913	cHeywood, William Johnson ... ..	1921
cGolding, Edward William ... ..	1923	cHeyworth, James Crabtree ... ..	1921
cGoodman, Leah ... ..	1921	cHickson, Henry Binem ... ..	1926
cGough, Cyril Maynard ... ..	1922	cHignbotham, Joseph Henry Midgley ...	1924
cGould, Gerald ... ..	1922	cHigson, Donald Hesketh ... ..	1927
cGray, Edward Mayall, M.A. (Com.) ...	1931	cHigson, Thomas Hesketh ... ..	1924
cGray, John Whitworth ... ..	1932	cHill, Sydney ... ..	1933
cGray, Robert ... ..	1926	cHilton, William Owens ... ..	1920
Graves, John ... ..	1912	Hindle, James Newton ... ..	1908
cGreaves, Reginald Douglas ... ..	1922	cHindy, Shaik ... ..	1927
cGreen, William ... ..	1927	cHine, Alfred ... ..	1923
cGreenwood, Fred ... ..	1921	cHinnawy, Abdel Magid ... ..	1924
cGregory, Wilfrid, B.D. ... ..	1922	cHinton, Alfred John ... ..	1923
cGresty, Ernest ... ..	1931	cHinton, Cyril Herbert ... ..	1926
cGriffin, Eric Ian ... ..	1921	cHira, Bhagandas Pessumal ... ..	1930
cGriffiths, Harry ... ..	1921	cHirst, John ... ..	1930
cGriffiths, Leslie Herbert ... ..	1932	cHitchen, Cedric ... ..	1926
cGrimsshaw, Gilbert ... ..	1925	cHobson, Alfred ... ..	1928
cGrimsshaw, Harold Bayley ... ..	1922	cHockmeyer, Ian Otto ... ..	1930

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	Date of Degree		Date of Degree
cHodgkinson, Thomas ... ..	1922	Kingsley, Harry ... ..	1915
cHodgson, Hugh Stanley ... ..	1932	cKininmonth, Colin Peter ... ..	1907
cHodgson, Philip Ward ... ..	1933	cKirkman, Douglas William Theodore...	1923
cHofgaard, Gabriel ... ..	1922	cKirkloskar, Vinayak Ganesh ... ..	1911
cHolden, Edward ... ..	1923	cKirpalani, Nawal Parsram ... ..	1928
cHolding, Hubert Cecil ... ..	1923	cKnight, Henry Branson ... ..	1931
cHolgate, John Edward ... ..	1912	cKnott, Bernard ... ..	1924
cHolland, Ercanwald ... ..	1915	cKnott, Harold ... ..	1922
cHolligan, Philip Terence ... ..	1920	cKnowles, Harry ... ..	1925
cHolmes, Frederick Charles Victor ... ..	1920	cKoch, Carl Bernhard ... ..	1922
cHolmes, Sydney Whittaker ... ..	1932	cKoh, Ming Chang ... ..	1932
cHolt, Clifford Morton ... ..	1929	cKoivuhento, Reino Veikko ... ..	1918
cHolt, Donald ... ..	1922	cKolker, Morris ... ..	1922
cHolt, John Bayley ... ..	1933	cKonerski, Thadeus ... ..	1927
cHolt, Percy Ashworth ... ..	1920	cKuperman, Moshe ... ..	1924
cHolt, Sydney ... ..	1922		
cHood, Charles ... ..	1932	cLaine, Howard Bunch ... ..	1929
cHoontrakool, Thien Yong ... ..	1925	cLakhanpal, Dev Datta ... ..	1929
cHope, Harry Reginald ... ..	1921	cLal, Jishnu ... ..	1925
cHorsfall, Harold ... ..	1931	cLamb, Alfred Cowley ... ..	1922
cHoyle, Douglas Clayton ... ..	1926	cLancaster, Arthur Turner ... ..	1923
cHoyle, Joseph Dearden Spencer ... ..	1921	cLand, Henry Sydney ... ..	1915
cHoyle, William Dickson ... ..	1921	cLandless, Reginald Knight ... ..	1922
cHudson, Frank Willdnson ... ..	1927	cLarnach, Robert ... ..	1923
cHudson, Margharita Emily ... ..	1923	cLatham, Leslie Sawyer ... ..	1922
cHughes, Frederick Leslie ... ..	1919	cLatimer, Dennis ... ..	1921
cHunter, Leslie ... ..	1930	cLaw, Frank ... ..	1932
cHunter, William Percy ... ..	1931	*Lawrence, Frederick Charles ... ..	1914
cHyland, William ... ..	1930	cLawrenson, Edgar ... ..	1926
		cLazarus, Samuel ... ..	1915
cIdnani, Thakurdas Narainsing ... ..	1926	cLeach, Edwin ... ..	1925
cIqbal, Mir Ali Khan ... ..	1921	cLeach, John Norman ... ..	1924
cIrving, John Charles ... ..	1906	cLee, Arthur Wakefield ... ..	1923
cIrving, Henry Braid ... ..	1909	Lees, Alfred Robin Martyn ... ..	1912
cIrwin, Harlow ... ..	1922	cLeigh, John ... ..	1921
		cLeite, José Gonçalves ... ..	1916
cJackson, Herbert John ... ..	1920	Leonidopoulos, Apostolos ... ..	1914
cJackson, Joseph ... ..	1929	cLevinson, Charles ... ..	1917
cJackson, Stanley Ridings ... ..	1919	cLevinson, Henry ... ..	1918
cJackson, William Eastwood ... ..	1929	cLeyland, Arthur James ... ..	1920
Jackson, William Ewart ... ..	1912	cLevy, Sydney Lionel ... ..	1921
cJehu, John William ... ..	1925	cLewis, Clifford George ... ..	1931
cJennings, Frank Reginald ... ..	1929	Lewis, Mrs. J. W. See Wigley, Gladys M.	
cJohnson, Alec Owen ... ..	1929	cLewty, William Mawdsley ... ..	1932
cJohnson, Kenneth Nelson ... ..	1927	cLightbown, Roger ... ..	1928
cJones, Harry ... ..	1932	cLiller, Emilio H. ... ..	1921
cJones, Jeffery Woodward ... ..	1909	cLindroos, Torsten Martin ... ..	1916
cJones, John Williams ... ..	1915	cLister, Walter ... ..	1932
cJones, William Gwyn ... ..	1923	cLittle, Fred ... ..	1925
cJones, William Richard ... ..	1923	cLittle, Frederick Matthew ... ..	1927
cJordan, Frederick Cecil ... ..	1925	Livesley, Robert Edwin ... ..	1910
Jowit, Leslie James ... ..	1910	cLock, Seet Yew ... ..	1921
cJoyce, Richard Cecil ... ..	1931	cLock, Shu Quann ... ..	1915
cJungerhans, Bernardus Johannes Marie	1925	cLongworth, Archibald Leslie ... ..	1932
		cLoo, Shih Chen ... ..	1919
		cLord, Sam ... ..	1923
cKalapesi, Munoo Jehangir ... ..	1925	cLowe, William ... ..	1925
cKaufman, Solomon ... ..	1933	cLuila, Pribhasing Sewasing ... ..	1923
cKay, John ... ..	1933	Lunn, Walter Stanley ... ..	1911
cKay, Rupert Michael ... ..	1927	cLyon, Edwin ... ..	1921
cKay, Walter ... ..	1923	cLyon, Joseph ... ..	1922
cKaylor, Harry ... ..	1927		
cKelly, Harold Craig ... ..	1920	cMabbs, Ronald Hubert ... ..	1919
cKelly, William Henry ... ..	1920	cMcCracken, Donald Harry ... ..	1930
cKelsall, Arthur Cooper ... ..	1922	cMcCulloch, Alban Francis ... ..	1926
cKemp, James Edgar ... ..	1921	cMcDermott, William ... ..	1928
cKenrick, David Arthur ... ..	1922	cMacdonald, Angus Alexander ... ..	1930
cKenworthy, John William ... ..	1933	cMcGill, David ... ..	1922
cKern, Hans Ewald ... ..	1921	cMacGill, Hugh Alexander Haldane ... ..	1920
cKhl-sla, Shanti Sarup ... ..	1932	cMcGreevy, Thomas ... ..	1927
cKidd, William Leslie ... ..	1932	cMcKay, Frederick ... ..	1932
cKilby, William ... ..	1922	cMcKellar, Donald ... ..	1922
cKing, Arthur John ... ..	1922	cMcKenlay, George Edward ... ..	1922

1 Professor of Chemistry, Peshawur Islamia College, India.

\* Awarded M.C.

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	Date of Degree
cMcManus, William...	1923
cMcNeill, William Alexander...	1932
cMaddox, Francis Harry...	1926
cMainer, Oswald Edwin...	1926
cMalik, Iqbal Singh...	1929
cMalkani, Tolaram Khemchand...	1932
cManartcheff, Dimitri...	1922
cMargolis, Jack...	1923
cMarsden, Norman...	1921
cMarshall, Herbert...	1928
cMarshall, Gilbert Gould...	1922
cMason, Francis Richard...	1926
cMason, Samuel Bernard...	1923
cMather, Gilbert...	1922
Matheson, Armen...	
See Matteossian, Armen	
cMatheson, Charles Edward Glen...	1924
cMatteossian, Armen...	
(now Matheson, Armen)	
cMatthews, Thomas Hollingsworth...	1932
cMawdsley, Joseph Frederick Anthony...	1927
Maybury, Percy Tindell...	1907
cMaye, John Wintle...	1925
cMayor, Arnold Lloyd...	1924
cMercer, Edwin Leslie...	1924
cMercer, William Harold Gordon...	1926
cMerchant, Tribhovandis Bhugvandas...	1923
cMhitarian, Mamicone...	1933
Miede, Carl Heinrich Frans...	1922
cMiller, William Graeme Livingstone...	1929
cMills, Alan...	1925
cMills, Edward Sidney...	1932
Mills, Leonard...	1908
cMilne, Richard Henry John...	1930
cMitchell, James Earnshaw...	1929
cMockler, Frank Leslie...	1929
cMojumdar, Apurba Kumar...	1923
cMontgomery, Alexander William...	1921
cMoore, Douglas Kinley...	1921
cMoore, Ralph Bradley...	1922
cMorgan, Albert...	1930
cMorgan, William Reginald...	1924
cMorley, John Baillie...	1931
cMorrey, Percy...	1915
cMorris, Leonard...	1931
cMorrison, John George...	1932
cMorritt, Leonard...	1933
Mort, Thomas Livesey...	1908
cMorton, John Henry...	1933
cMoses, Isaac Abraham...	1932
cMoss, Geoffrey Neville...	1922
cMudaliar,	
Bangalore Gurusamy Appadorui	1917
cMurthy, Bailly Vencoba Rao Vittal...	1933
cNabar, Parashuram Malhar...	1925
cNadkarni, Dwarkanath Yeshwantrao...	1932
Narke, Ganesh Govind, M.Sc.	1911
cNash, William Lees...	1923
cNassar, Abdel Raouf...	1930
cNayar, Padinharankennath	
Tharathail Koman	1928
cNaylor, Donald Sanderson...	1920
cNeedham, Ronald...	1928
cNegus, Edward Victor...	1921
cNeogy, Dharendra Nath...	1927
cNevrekar, Madhav Laxman...	1933
Neswome, John...	1912
cNewton, Carlos German...	1926
Nicholls, John Victor...	1914
cNicholson, Charles Tuke...	1922
cNicol, Thomas Carrick...	1920
cNizamuddin, Khaja...	1925

	Date of Degree
Nomrosi, Mahmoud Ibrahim...	1911
Nordling, Hugo...	1906
Nuttall, Theodore Hodson...	1908
cNuttall, Thomas Cayton...	1932
cNuttall, William...	1922
cNutter, Arnold...	1922
cNutter, Thomas...	1926
O'Brien, Eric Ackerley...	1920
cO'Brien, George Holme...	1909
cOckman, Tobias...	1919
cO'Dea, William...	1924
Ogden, Arthur Haydock...	1910
cOgden, George Stanley...	1924
cOgden, Robert Hume...	1932
cOke, Sitaram Damodar...	1922
cOldham, Frank...	1925
cOldham, Thomas Frederick...	1929
cOliver, John Leonard...	1926
cOlney, Frederick Edward...	1932
cOman, George Rendall...	1928
cOrmiston, Osmond...	1933
cOrmrod, Alan Taylor...	1922
cOstle, Joseph Carleton...	1925
cOverend, Edward...	1921
cOwen, Arthur Edward Stuart	1930
Owen, Arthur Percy...	1914
cOwen, Wilfred Hubert...	1921
cPadel, Stuart Hunter...	1933
cPalitch, Velyko A....	1920
cPalmer, Albert Edwin...	1922
cPalmer, Charles Wilfred...	1915
cPalmer, Edgar Kent...	1923
cPangu, Hari Ramchandra...	1932
cParkinson, John Harold...	1920
cParr, Percy...	1920
cParrish, John...	1915
cPass, Charles William...	1933
cPayman, Saul...	1919
cPeacock, George...	1925
cPearce, Edward Roy...	1931
cPearce, Mark Swayne...	1928
cPearson, George Matthew...	1927
cPerry, Archibald Laurence Hillyer...	1925
cPerry, Ronald Grafton...	1923
cPeters, James Eadie...	1929
cPetrides, Sophoclis...	1922
cPICKERILL, Thomas...	1922
cPickles, John Sydney...	1921
Pickup, Arnold...	1914
cPickup, Harry...	1932
cPierce, Watson O'Dell...	1933
cPilkington, Denis Fielden...	1920
cPitre, Trimbak Janardan...	1906
cPlagerson, Reuben...	1915
Platt, Joseph Horace...	1912
cPlews, Arthur Ernest...	1920
cPollard, Norman...	1924
Porter, Eric Craig...	1920
cPotter, Percy...	1927
cPotter, William Standing...	1929
cPotts, Frederick...	1921
cPoutnik, Vladimir...	1922
cPrice, Dennis William...	1922
cPrice, William Geoffrey...	1922
Frnestley, Alan...	1909
cPritchard, Eric...	1922
cProckter, Anthony...	1933
cProcter, Thomas...	1922
cProctor, George Burdett...	1929
Prosad, Bhagwat...	1926

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	Date of Degree
cQuilliam, Leslie	1921
cQuinn, Arthur Edmondson	1930
cRadcliffe, Sydney	1931
cRahman, Khan Abdur	1928
cRaine, David Coulthurst	1922
cRamchandani, Atmaram Chartersing	1930
cRangaswami, Valavanur	
Narayanadaswami	1930
cRao, Surapur Venkataramanachar	
Rama	1929
cRatcliffe, Alfred	1925
cRatcliffe, James Corlett	1925
Rau, Hattikudar Sakhamam	1931
Rau, Hattikudar Sakhamam	1912
cRay, Jogat Bondhu	1933
Ray, Susil Chandra	1928
cReddi, Chithathurai Govindurajulu	1926
cRedfern, William Duckett	1907
cRedman, John	1930
cReis, Arthur dos	1929
cReiss, Conrad	1925
cRennie, Wallace	1921
cRhodes, Arnold	1920
cRibeiro, Augusto	1920
*Richards, Charles Sydney	1907
cRichards, Leslie Cameron	1915
Richardson, Walter	1914
cRigby, Walter Leonard	1920
cRiley, Colin	1920
cRistitch, Peter	1922
Roberts, Henry	1908
cRoberts, Thomas	1916
cRoberts, Victor George	1922
cRoberts, William Elfred	1923
cRobertson, Ernest James	1930
cRobertson, William	1930
cRobinson, Ernest Yeoman	1922
Robinson, I. H. See Rubinstein, I. H.	
Robinson, S. See Rubinstein, S.	
cRobinson, William George	1931
cRobson, John Stephenson	1927
cRomeiro, Joaquin Pinto	1918
cRoscoe, William	1923
cRosenthal, Edward	1922
Ross, Alexander	1914
cRossiter, Stanley Albert	1931
cRothwell, Carl	1932
cRothwell, Charles Maurice	1927
Rothwell, Joseph	1902
cRowley, Alan Stamford	1922
cRoy, William Macalister	1924
Rubinstein, Isaac Harry	
(now Robinson, I. H.)	1907
cRubinstein, Samuel (now Robinson, S.)	1927
cRushton, Thomas Bamber	1921
cRyder, Robert George	1929
Sadasivam, Doraiswami	1912
cSaft, Simon	1919
cSahgal, Anur Chaud	1924
cSakuntanaga, Poon	1926
cSalem, Adolphe Albert	1928
cSalem, Karsa	1922
cSalisbury, Robert	1931
††Salt, Wilfred Austin	1913
Salter, Jack	1923
cSambrook, Kenneth Harry	1924
Sanderson, Wilfrid Huckle	1924
cSansom, Hubert Maurice	1926
cSarangapani, Krishna Chetty	1933
Scarlett, Eric Yorke	1922
cSchofield, Tom Graham	1922
cSchwartz, Hyam	1915

	Date of Degree
cScott, George Cecil	1932
cSeddon, William	1919
cSedgwick, John	1924
cSegaller, Philip	1927
Sen, Aswini Kumar	1909
cSen, Basanta Kumar	1925
cShackleton, John	1929
cShaffer, Raphael, M.B., Ch.B.	1919
cShah, Pranjiwandas Vanechand	1931
cShallcross, John	1933
cSharma, Ilam Chand	1926
cSharples, Harry	1922
cSharples, John Thomas	1930
cShaw, Alan	1921
cShaw, Eric	1923
cSheeran, Wilfred	1932
cShepherd, Harold	1923
cSheret, Noel Leslie Ross	1929
cSherratt, John Graham	1922
cShlosberg, Joseph	1916
cShroff, Hasmuklal Bhagmandao	1915
cSia, Ven	1933
cSibson, James Noel	1927
cSiddons, Frank Cecil	1920
cSih, Tien-Tsung	1931
cSlander, Sanfrid Stefanus	1919
Simcock, Gilbert Alexander	1914
†Sinclair, Kenneth	1915
cSinha, Anukul Chandra	1915
Sinnatt, Mrs. F. S. See Badger, Louie M.	
Sitaraman, Malli Chockiyer	1914
cSivell, Arthur Ernest	1928
cSkou, Bertet Johannes	1926
cSlack, Alvar Esmond	1921
cSlater, James Alexander	1931
cSlater, William Henry	1922
Sloan, Alfred James	1910
cSmith, Francon James	1922
cSmith, George	1922
†Smith, Lionel Stockdale	1914
cSmith, Norman Heath	1922
Smith, Sydney Tideswell	1907
cSmith, Thomas Haworth	1924
cSmith, Victor	1927
cSmith, Walter Reginald	1922
cSnelson, John Harold	1930
cSnow, Ernest William	1930
cSohlberg, Erik Rudolf	1917
cSopwith, Douglas George	1928
cde Sousa, João Frederico	1928
cSowerbutts, Frank	1922
cSpeak, Frank	1933
cSpeare, Leonard Samuel	1933
Spencer, Hugh	1921
cSpence, Charles Davies	1921
cSpindler, Arthur Hardman	1924
cStanfield, James Francis	1931
cStephenson, William Wakefield	1930
cStott, John Chadwick	1924
cStott, Kenneth Ainsworth	1931
Stott, Marjorie	1912
Stubbs, Arthur	1909
cSugden, Eric William	1927
cSunderland, John	1932
Sutcliffe, Joseph	1907
cSutcliffe, Tom Halliwell	1921
cSutton, Lawrence Henry	1921
cSutton, Leslie	1921
cSutton, Richard William	1921
Swann, Herbert	1914
cSweetlove, James Arthur	1923
cSyers, Alexander James	1915
cTabb, John Ashby	1929

\* Awarded Order of St. Anne.

† Awarded M.C.

‡ Mentioned in Despatches.

§ Awarded Belgian Ordre de Leopold

## B.Sc. TECH.—continued.

Date of  
Degree

cTadros, Negib...	1930
cTalbot, Richard ...	1921
cTarachand, Cursetjee Sorabji ...	1925
cTaylor, Alexander ...	1921
cTaylor, Alfred Wilson ...	1932
cTaylor, Eric Green ...	1929
cTaylor, Frank Warburton ...	1922
cTaylor, John Stanley ...	1928
cTaylor, Joseph ...	1924
cTaylor, Samuel Mellor ...	1925
cTearle, Francis John Enoch...	1933
cTee, Nai ...	1920
cThadani, Parmanand Tahiram ...	1931
cThadani, Shamdas Tharumal ...	1930
cThadani, Gopaladar Thammal ...	1921
cThadani, Parmanand Valiram ...	1930
cThatcher, Edwin Hey ...	1922
cThomas, David Hylton ...	1933
cThomas, Eric ...	1923
cThomas, James Eyton ...	1931
Thomas, John William, LL.B. ...	1907
cThomas, Reginald Lloyd ...	1922
Thomasson, James ...	1907
cThompson, Albert ...	1928
cThompson, Edward ...	1924
cThomson, James Leonard ...	1929
cThomson, Norman Bennet ...	1923
cThomson, William Robert ...	1914
cThornhill, Philip Tugwell ...	1928
cThornley, Frederick Cheetham ...	1933
cThurton, Geoffrey Leonard ...	1925
cTin, Maung Tun ...	1929
cTinnion, Frederick Seddon ...	1927
cTitcomb, Egbert Frederick ...	1915
cTobe, Jack ...	1924
cTobe, Myer ...	1921
cTodd, Eric Anthony ...	1924
cTodd, John Park ...	1922
cTolfree, Sydney Kenneth ...	1932
cTombat, Sakakama Rao ...	1915
Tomlinson, John, M.Sc. ...	1926
cTomlinson, Thomas Garner, B.Sc. ...	1930
cTonge, Edward Clough ...	1915
cTooke, William Albert ...	1930
cTrease, John Stanley ...	1920
cTremayne, John Cecil ...	1923
cTsiang, Teh-Shiao Samuel ...	1924
cTulip, Sydney Ferguson ...	1923
cTurnbull, Alexander Williams ...	1922
cTyacke, John Arthur ...	1922
Unsworth, Charles Leonard ...	1912
cUnsworth, Louis Fairclough ...	1922
cVaughan, Norman ...	1933
cVero, Eric ...	1933
cVickers, William ...	1911
cViryasiri, Phong ...	1928
cVlies, Harold Alexander ...	1932
Wadsworth, George Wade ...	1907
cWaite, Donald Morris ...	1926
cWalker, Richard ...	1919
cWalker, William Shelley ...	1933
cWainsley, William Herbert Greenfield ...	1924
cWalters, John Price ...	1921
cWalton, Harold ...	1924
cWalton, Hereward Royden ...	1921
cWalton, John Percy ...	1928
cWalton, Percy Weaver ...	1913
Warburton, Frederick William ...	1921

Date of  
Degree

cWarren, Frederick William...	1909
cWarrington, Eric ...	1926
cWatal, Indra Prakash ...	1925
cWaterfield, Henry, Junior ...	1924
cWatson, Ernest ...	1923
cWatson, Hubert ...	1921
Watts, Percy Martin ...	1914
cWearing, Robert ...	1930
cWebb, Henry James ...	1930
cWebb, John Kraus ...	1924
cWebb, Sydney Watkin ...	1932
cWedd, Gilbert Selby ...	1924
Welch, Oswald ...	1907
cWerner, Artur Herman ...	1933
cWeston, George Whitehead ...	1920
cWhitby, Robert Edward ...	1924
cWhite, Noel Walter ...	1924
cWhitehead, John Herbert ...	1923
cWhitehead, Joseph Hirst ...	1921
cWhitehead, Norman ...	1920
cWhitehouse, William Hardy ...	1921
cWhiteley, Joseph William ...	1927
cWhitfield, John Neilstop ...	1930
cWhittaker, Edmund ...	1929
Whittall, James Douglas ...	1909
cWhyman, Frank ...	1924
cWhyman, Leslie Fieldhouse... ..	1925
cWiddup, Francis Alan ...	1926
cWightman, William Breviss ...	1920
cWigley, Gladys Mary (Mrs. J. W. Lewis) ...	1917
cWilcox, Ewart Gladstone ...	1921
cWild, Eric Egbert ...	1924
cWild, Leonard ...	1922
cWilkinson, Harold ...	1923
cWilkinson, John Reed... ..	1921
Willcock, Frank ...	1909
cWilliams, Donald Ernest ...	1928
cWilliams, Frederick Herbert ...	1908
Williams, George Melville ...	1908
Williams, Humphrey ...	1908
cWilliams, Lionel Ewart Humphry ...	1921
cWilliams, Nathan ...	1922
cWilliams, William Meirion ...	1920
Williamson, Francis Herbert ...	1913
cWilliamson, Ronald ...	1932
Willis, Russell ...	1914
cWillson, Walter Stanley ...	1923
cWilson, James Arthur ...	1927
Wilson, John ...	1910
cWilson, Neville ...	1926
cWilson, William Eric ...	1930
Winstanley, Edwin Victor ...	1907
cWiseman, Thomas Holt ...	1921
cWithnall, Frederick ...	1926
Wood, Alfred Lee ...	1907
cWood, Arthur Lees... ..	1924
cWood, Henry James ...	1929
cWood, Sidney Thomas ...	1929
cWorth, Harry... ..	1924
cWragge, William Benjamin ...	1924
cWrapson, George ...	1922
cWright, John Stanley ...	1933
cWrighton, James ...	1923
cYates, James Ashton ...	1921
cYen, Tsze Chu ...	1929
cYovanovitch, Miloché Vassa ...	1924
cZiver-Hagopian, Vahram ...	1913
cZweigbergk, Charles Arthur... ..	1932

# FACULTY OF EDUCATION.

M.Ed.

	<i>Date of Degree</i>		<i>Date of Degree</i>
c1Arscott, Christine Marguerite ... ..	1922	cLythgoe, Norman Leigh, M.A. ... ..	1918
cAshby, Mabel Kathleen ... ..	1930	c9Maltby, Samuel Edwin, M.A. ... ..	1916
cAshton, Margaret Martha, B.A. ... ..		**Mark, Harry Thiselton, B.Sc. ... ..	1920
(Mrs W. W. Kay)	1929	cMerrick, Frank George ... ..	1920
cAtkinson, Roberta Mary Moreland, B.A. ... ..	1922	cMiller, Harold Charles, B.A. ... ..	1928
cBaker, Lilian Annie ... ..	1924	cMiller, Wright Watts ... ..	1926
cBeddis, Lionel Gilbert, B.A. ... ..	1932	cMitchell, Alice Maud ... ..	1928
cBowman, Florence Louise ... ..	1919	cMitchell, Frank, M.A. ... ..	1930
cBradley, Elizabeth Madeline, ... ..		c10Moore, Robert Charles ... ..	1921
M.A., B.Com.	1917	cOwen, Dorothy Elizabeth Tudor, B.A. ... ..	
cBrown, Wesley John ... ..	1933	(Mrs. Douglas Trueman)	1919
cBrown, William Gilroy, B.Sc. ... ..	1929	cParkin, Jessie, B.Sc. ... ..	1918
cClarke, Edward Robert ... ..	1933	cParkinson, John Wilson ... ..	1920
cCleonat, John Critchley, M.A. ... ..	1921	Parkinson, Thomas William Faraday, ... ..	
cCorlett, Edward Wattleworth, B.Sc. ... ..	1931	M.Sc.	1921
Dymond, John Alvin Grills ... ..	1917	cPeter, David, M.A. ... ..	1930
c2Earle, Frank Maynard, D.Sc. ... ..	1921	c11Phillips, Albert James, B.Sc. ... ..	1926
cEckersley, Ida Mary, B.Sc. ... ..		cPilkington, Evelyn Madge, M.A. ... ..	1921
(Mrs. Littler)	1921	cPotter, Rachel, B.A. (née Leon) ... ..	1930
cEvans, Jessie Maud ... ..	1923	cQuayle, Mark, M.Sc. ... ..	1930
cFernhough, Clifford, B.A. ... ..	1923	cRhodes, Cecil Josiah ... ..	1932
cFielding, William Richard, M.A., M.Sc. ... ..	1932	acRoper, Reginald Edward, M.A. ... ..	1915
c**3Findlay, Joseph John ... ..	1915		
cGarner, Wilhelmina ... ..	1930	cSankey, William, Henry, B.A. ... ..	1923
cGleaves, Edward, M.Sc., M.B., Ch.B. ... ..	1916	acSaunbury, Robert, M.Sc. ... ..	1916
cGregory, Maurice Vincent, M.A. ... ..	1929	cSlater, Harold, B.Sc. ... ..	1933
*c4Guest, George, B.Sc., LL.B. ... ..	1916	Smith, George Sidney ... ..	1921
cHewlett, Edith Lettice, M.Sc. ... ..	1932	c**12Smith, Henry Bompas ... ..	1915
acHindshaw, Winifred, M.A. ... ..	1920	c13Stafford, Francis John, M.A. ... ..	1916
c5Holman, Edward Walter ... ..	1920	c**Start, Laura Emily ... ..	1919
cHope, Harry, M.Sc. ... ..	1933	cStockdale, William Henry, B.Sc. ... ..	1924
c6Houghton, Clara, M.Sc. ... ..	1918	cSutton, Joseph Hertford, M.A. ... ..	1930
c7Howarth, Walter, Litt.D. ... ..	1920		
cHughes, Hugh James ... ..	1930	cTalbot, Maud, M.A. ... ..	1921
cHunter, John ... ..	1932	cTaylor, Richard Allen, B.Com. ... ..	1929
c8Jackson, Gordon Balmbra ... ..	1924	c14Thomas, William Ernest ... ..	1925
cJackson, Thomas Hodges ... ..	1927	Truman, Mrs. Douglas.	
cJones, Benjamin Paul, B.Sc. ... ..	1927	See Owen, Dorothy E. T.	
cJones, Henry Leonard, M.A. ... ..	1927	cTyson, George, B.Sc. ... ..	1930
Kay, Mrs. W. W.		cVickers, Wilfrid, M.Sc. ... ..	1918
See Ashton, Margaret M.		cWhalley, Wilfred, B.Sc. ... ..	1919
cLeese, John, M.A. ... ..	1931	cWhite, Oswald, B.A. (Com.) ... ..	1930
cLemon, Herbert William ... ..	1920	cWilliams, Frederic John, M.Sc. ... ..	1928
cLennon, Annie ... ..	1921	cWise, Colin George, B.Sc. ... ..	1932
cLewis, Arthur ... ..	1931	cWood, Cyril Warcup, M.Sc. ... ..	1933
Littler, Mrs. See Eckersley, Ida M.		cWyatt, Stanley, M.Sc. ... ..	1916

## DEGREE OF Ph.D.

cAinley, Arthur Donald, M.Sc. ... ..	1931	cBalkin, Mark, M.Sc. ... ..	1930
cAshley, Julius Nicholson ... ..	1926	cBarash, Michael, M.Sc. Tech. ... ..	1930
cAspinall, Arthur, M.A. ... ..	1924	cBecker, Maurice Lund ... ..	1927
		cBeeby, Clarence Edward ... ..	1927
cBaker, Wilson, D.Sc. ... ..	1924	cBetts, Charles Leslie, M.Sc. ... ..	1928
cBalaban, Isidore Elkanah, M.Sc. Tech. ... ..	1924	cBhagwat, Vinayak Keshav ... ..	1925

- 1 Head Mistress, Whalley Range High School for Girls, Manchester.
- 2 Principal, The High School, Kirkcaldy, Fife.
- 3 Formerly Professor of Education in the University; now Honorary Professor.
- 4 Deputy Director of Education for City of Manchester.
- 5 Head Master, Bury Municipal Secondary School.
- 6 Head Mistress, West Hartlepool Municipal High School.
- 7 Director of Education, Burnley.
- 8 Head Master, Ashton-under-Lyne Secondary School.
- 9 Head Master, Friends' School, Penketh.
- 10 Director of Education, City of Kingston-upon-Hull.
- 11 Head Master, The Grammar School, Colne, Lancs.
- 12 Formerly Professor of Education in the University.
- 13 Head Master, Baines's Grammar School, Poulton-le-Fylde.
- 14 Head Master, County School, Tenby.

\* Awarded M.C.

\*\* Degree conferred under Charter II. (3).

Ph.D.—continued.	Date of Degree		Date of Degree
cBottomley, Arthur Cecil, M.Sc. ... ..	1929	c3McAulay, Alexander Leicester ... ..	1921
cBradley, Albert James, D.Sc. ... ..	1924	cMcRae, John Alexander ... ..	1921
cBradley, William, M.Sc. ... ..	1927	cMalan, Jacques ... ..	1926
cBrindley, William Harrison, M.Sc.Tech. ... ..	1928	cMalkin, Thomas ... ..	1925
cBrittain, John, M.Sc. ... ..	1932	cManske, Richard Helmuth Fred... ..	1926
cBrooks, Constance, B.A. ... ..	1929	cMastin, Harold, M.Sc. ... ..	1924
cBroome, Dorothy Mary, M.A. ... ..	1923	cMaurice, Norman Brocklehurst, M.Sc.Tech. ... ..	1923
cBullock, Kenneth, M.Sc. ... ..	1927	cMawson, Colin Ashley, M.Sc. ... ..	1932
cBurkhardt, George Norman, M.Sc. ... ..	1925	cMeecham, Henry George, M.A., B.D. ... ..	1929
cCampbell, Charles Douglas, M.A. (Admin.) ... ..	1931	cMiles, Herbert William ... ..	1930
cChapman, Ernest, M.Sc. ... ..	1924	cMoore, Burrows, M.Sc.Tech. ... ..	1923
cChatterjee, Bibhu Charan ... ..	1928	cMorehouse, Frances Milton Irene ... ..	1926
cCocker, Wesley, M.Sc. ... ..	1931	cMorley, Arthur Milnes, M.Sc.Tech. ... ..	1929
Cole-Baker, Georgina R. See Galbraith, Georgina R.		Mottram, Edward Neville, M.Sc. ... ..	1925
cDavies, John Stanley Herbert, M.Sc.Tech. ... ..	1924	cOakden, James Parker, M.A. ... ..	1929
cDouie, Decima Langworthy ... ..	1930	cOxford, Albert Edward, M.Sc. ... ..	1926
cEllis, Oliver Coligny de Champfleury, M.Sc. ... ..	1922	c*Parkes, Alan Stirling ... ..	1923
cEvans, Florence May Greir, M.A. (Mrs. C. S. S. Higham) ... ..	1921	cPeters, Arnold Thornton, M.Sc. ... ..	1928
cEwing, Alexander William Gordon ... ..	1929	cPhythian, Mabel, B.A. (Mrs. F. E. Tylecote) ... ..	1930
Fawcett, Reginald Clifford, M.Sc. ... ..	1928	cPollard, Aifred, M.Sc. ... ..	1929
cFolley, Sydney John, M.Sc. ... ..	1931	cPugh, Caecilia Elizabeth Mary, M.Sc. ... ..	1930
cForsyth, Robert, M.Sc.Tech. ... ..	1929	cRabinowitz, Joseph ... ..	1930
cFrancis, Marcus, B.Sc. ... ..	1926	cRay, Jnanendra Nath, D.Sc. ... ..	1925
cFriedlander, Moses, M.A. ... ..	1933	cRedford, Arthur, Junior, M.A. ... ..	1922
cGalbraith, Georgina Rosalie (née Cole-Baker) ... ..	1922	cReiss, Erna, M.A. ... ..	1924
cGlen, Enid Isobel, B.A. ... ..	1926	cRidgway, Leslie Randal, M.Sc. ... ..	1925
cGregory, Alys Lydia, M.A. ... ..	1929	cRoyle, Frank Albert, M.Sc. ... ..	1920
cGrindley, Robert, M.Sc.Tech. ... ..	1927	cRudra, John Jitendranath ... ..	1929
cHappold, Frank Charles, M.Sc. ... ..	1927	cSamaan, Karam, M.Sc. ... ..	1921
cHarrison, Harold Ainsworth, M.Sc. ... ..	1925	cSeshadri, Tiruvankata Rajendra ... ..	1929
cHaworth, Robert Downs, D.Sc. ... ..	1922	cSharp, Margaret (Mrs. W. D. Sharp) (née Tout, Margaret, M.A.) ... ..	1925
cHeap, Tom, M.Sc. ... ..	1927	cSilverstone, Alec Eli, M.A. ... ..	1924
cHeard, Robert Donald Hoskin ... ..	1932	cSlater, Leonard, M.Sc.Tech. ... ..	1921
cHedges, Ernest Sydney, M.Sc. ... ..	1924	cSmalley, Beryl ... ..	1929
cHiggins, William Frederick, M.Sc. ... ..	1927	cSmith, Edgar Charles, M.Sc. ... ..	1925
Higham, Mrs. C. S. S. See Evans, Florence M. G.		cSmith, John Charles ... ..	1925
cHodge, Caroline Esther ... ..	1933	cStubbs, Alfred Eric, M.Sc. ... ..	1932
cHubball, Wilfrid, M.Sc.Tech. ... ..	1927	cSubramanian, Vira ... ..	1927
cHughes, Helen Campbell ... ..	1929	cSumner, Cyril Gordon, M.Sc. ... ..	1929
cIngham, Bertram Hobart, M.Sc. ... ..	1926	cTaylor, William Hodge, M.Sc. ... ..	1930
cIrvine, Frank Mouat ... ..	1926	cThornley, Sidney, M.Sc. ... ..	1925
c2Jackson, Stanley Herbert, M.A. ... ..	1921	cToynbee, Margaret Ruth ... ..	1924
cJames, Herbert Caldwell ... ..	1925	c4Trehanne, Reginald Francis, M.A. ... ..	1925
cJones, Arthur Llewelyn, M.Sc. ... ..	1931	Tylecote, Mrs. F. E. See Phythian, Mabel	
cJones, David Clarence Rhys ... ..	1930	cTyson, Moses, M.A. ... ..	1927
cJones, Phyllis ... ..	1930	cVenkataraman, Krishnasami, M.Sc.Tech. ... ..	1927
cJones, William Herbert, M.Sc. ... ..	1931	cWalker, James ... ..	1931
cKirkby, William Anthony, M.Sc. ... ..	1921	cWalker, Thomas Kennedy, D.Sc. ... ..	1921
cLewis, John ... ..	1924	cWalls, Noel Stanley, M.Sc., M.B., Ch.B. ... ..	1922
cLewis, Norman Bache, M.A. ... ..	1928	cWetzman, Sophia, M.A. ... ..	1921
cLions, Francis ... ..	1925	cWhitworth, Clifford, M.Sc. ... ..	1930
cLittler, William Brian, M.Sc. ... ..	1932	cWilkinson, Bertie, M.A. ... ..	1926
		cWilkinson, John Frederick, M.Sc., M.D. ... ..	1924
		cWilliams, Evan James ... ..	1926
		cZwarenstein, Harry, B.Sc. ... ..	1925

1 Head Master, Glasgow Talmud Torah Schools and Vice-Principal of the Hebrew College, Glasgow.

2 Professor of the Theory of Education in the University of Cairo.

3 Professor of Physics in the University of Tasmania.

4 Professor of History in University College, Aberystwyth.

\* F.R.S.

STATEMENT OF GRADUATES  
since the foundation of the University.

						SESSION 1932—1933	TOTAL.
Litt.D....	...	...	...	...	...	—	17
M.A.	...	...	...	...	...	24	1,111
B.A.	...	...	...	...	...	146	2,778
D.Sc.	...	...	...	...	...	3	171
M.Sc.	...	...	...	...	...	26	1,254
B.Sc.	...	...	...	...	...	107	2,978
LL.D.	...	...	...	...	...	—	5
LL.M.	...	...	...	...	...	1	10
LL.B.	...	...	...	...	...	17	312
M.D.	...	...	...	...	...	9	284
Ch.M.	...	...	...	...	...	—	9
M.B., Ch.B.	...	...	...	...	...	25	1,331
M.D.S.	...	...	...	...	...	1	2
B.D.S.	...	...	...	...	...	1	22
Mus.D.	...	...	...	...	...	1	25
Mus.B.	...	...	...	...	...	1	32
M.Com.	...	...	...	...	...	—	40
M.A. (Com.)	...	...	...	...	...	2	17
M.A. (Admin.)	...	...	...	...	...	3	7
B.Com.	...	...	...	...	...	—	238
B.A. (Com.)	...	...	...	...	...	30	212
B.A. (Admin.)	...	...	...	...	...	12	59
D.D	...	...	...	...	...	—	1
B.D.	...	...	...	...	...	8	134
M.Sc.Tech	...	...	...	...	...	20	414
B.Sc.Tech.	...	...	...	...	...	31	939
M.Ed.	..	...	...	...	...	5	80
Ph.D	..	...	...	...	...	6	115
						479	12,592
Persons who have graduated in more than one Faculty						...	502
Number of individual graduates						...	12,090
Number of Honorary Graduates						12	877
Included in the above totals are Degrees under Charter II. (3)						...	129
Included in the above totals are Owens College Associates						...	208



DIPLOMA IN PUBLIC HEALTH—continued.	Date of Diploma
Hogben, Frances Anne, M.B., B.S. ...	1930
Holmes, Reginald, M.D. ...	1910
Hood, William Douglas, M.B., Ch.B. ...	1924
Howard, James, M.R.C.S., L.R.C.P. ...	1905
†Howard, William James, M.D. ...	1896
Hoyten, William James	
M.R.C.S., L.R.C.P. ...	1910
Hutchinson, Henry Fleming, M.B., Ch.B. ...	1915
Hutchinson, James Randal, M.B., Ch.B. ...	1904
Hutchinson, Richard Cecil, M.B., Ch.B. ...	1913
Hutton, Malcolm, M.B., Ch.B. ...	1908
Irving, Lewis Allen, M.R.C.P., L.R.C.S. ...	1892
Jackson, Robert Ashton, M.B., Ch.B. ...	1912
Jagger, John Radcliffe, M.B., Ch.B. ...	1920
Jelly, George Aubrey, M.R.C.S., L.R.C.P. ...	1907
Jessel, George Jessel Zacharias, M.B., Ch.B. ...	1913
de Jong, Edward Meyer, M.R.C.S. ...	1915
de Jong, Oscar Meyer, M.B., Ch.B. ...	1915
Jones, Benjamin, M.D. ...	1890
Jones, Ernest, M.B., Ch.B. ...	1921
Jones, Nora Alice, M.B., Ch.B. (Mrs. T. W. Lovett) ...	1923
Jones, Thomas Morgan, M.D., Ch.B. ...	1922
Jordan, Frederick William, M.D. ...	1890
Jordan, Norman Theodore Kingsley, M.B., Ch.B. ...	1912
*Kauntze, William Henry, B.A., M.D. ...	1921
Keddie, John Thomas Chalmers, M.B., Ch.B. ...	1932
Kelly, Simon, M.R.C.S., L.R.C.P. ...	1923
Kenap, David, M.B., Ch.B. ...	1929
Knight, Barbara Mary, M.B., Ch.B. ...	1927
Laing, Alexander Walker, M.B., Ch.B. ...	1913
Latham, Walter, L.R.C.P., L.R.C.S. ...	1902
Lawrence, Reginald, M.D. ...	1905
Lawrie, Hugh, M.B., C.M. ...	1903
Leech, Ernest Bosdin, M.D. ...	1905
Leigh, George Hamer, M.D. ...	1921
Leigh, William Hamer, M.R.C.S., L.R.C.P. ...	1922
Lezama, Joseph Elias, L.R.C.P., L.R.C.S. ...	1918
Ligat, David, M.B., C.M. ...	1898
Littler, Robert Meredith, F.R.C.S., L.R.C.P., B.Sc. ...	1894
Lloyd, Benjamin Layton, M.B., Ch.B. ...	1923
Lomas, Emmanuel Kenworthy, M.B., Ch.B. ...	1911
Lovett, Mrs. T. W. See Jones, Nora A. ...	
Low, Edward Bruce, M.B., Ch.B. ...	1932
Lund, John Knowles, M.R.C.S., L.R.C.P. ...	1922
McCloghry, Harriet, M.B., C.M. ...	1909
MacDonald, Angus Graham, M.B., C.M. ...	1909
MacIraith, Alexander Robb MacIntyre, L.R.C.P., L.R.C.S. ...	1913
MacIraith, William McLaren, L.R.C.P., L.R.C.S. ...	1914
McIvor, William John, M.B., Ch.B. ...	1920
McKinley, James Gladstone, M.B., Ch.B. ...	1924
MacGregor, Murdoch, M.B., Ch.B. ...	1933
Mackay, Charles, M.B., Ch.B. ...	1912
Mackenzie, Hector, M.B., Ch.B. ...	1909
Mackenzie, Thomas Cooper, M.B., Ch.B. ...	1917
Mackintosh, Mrs. James See Taylor, Doris A. ...	
MacLaren, Agnes Jane, M.B., Ch.B. ...	1911

McLean, Gladys Frances Agnes, M.B., Ch.B. ...	1926
Maclean, Shon Walker, M.B., Ch.B. ...	1916
McLennan, William Anlay, M.B., Ch.B. ...	1932
McMaster, Arthur Berry, M.D. ...	1910
Madgavkar, Vasantn Dinanath, M.B., Ch.B., L.R.C.P., L.R.C.S. ...	1907
Magee, Cuthbert Gaultier, L.R.C.P. ...	1920
Manson, John Sinclair, M.B., Ch.B. ...	1910
Marsden, Edith Maude, M.B., Ch.B. (Mrs. Tindal-Robertson) ...	1911
Marsden, Richard Walter, B.Sc., M.D. ...	1898
Marshall, Charles Bertram, M.B., Ch.B. ...	1911
Martin, William Beare, M.R.C.S., L.R.C.P. ...	1909
Martin, William MacDougall, M.B., Ch.B. ...	1933
Martyn-Johns, Mrs. See Bailey, Sybil ...	
Meiklejohn, Andrew, M.D. ...	1930
Menon, Maniketh Vytil, L.R.C.P., L.R.C.S. ...	1927
Mercer, Richard Hubert, M.B., Ch.B. ...	1911
Mercer, William Braccwell, M.A., M.B., B.C. ...	1896
Meynell, Joseph Leopold, M.R.C.P., F.R.C.S. ...	1919
Mitra, Satyendra Nath, M.B., Ch.B. ...	1917
Monaghan, Thomas Joseph, M.D. ...	1892
Mooney, Annie, L.S.A. ...	1909
Moore, Walter Francis, M.B. ...	1900
Nash, Elwin Harral Thomas, M.R.C.S. ...	1908
Naughton, Martin, M.B., Ch.B. ...	1928
Neech, James Thomas, M.D. ...	1893
Needham, Richard Arthur, B.Sc., M.B., Ch.B. ...	1910
Newall, William Allwood, M.D. ...	1904
Newman, Allan Cameron, M.B., Ch.B. ...	1925
Newton, Vernon Arthur, M.R.C.S., L.R.C.P. ...	1932
†Nickerson, William Henry Snyder, M.B., Ch.B. ...	1907
Nicoll, Agnes Hill, M.B., Ch.B. ...	1910
†Norris, Arthur Herbert, M.R.C.S., L.R.C.P. ...	1910
O'Donnell, Kathleen, M.B., Ch.B. ...	1920
Oliver, Mrs. T. H. See Barritt, Martha F. ...	
O'Neill, Charles Sefton, M.D. ...	1904
O'Reilly, John Joseph, M.B., Ch.B. ...	1929
Orkney, Jean Murray, M.B., Ch.B. ...	1928
Osborne, Harry, M.D. ...	1907
Parkinson, Arthur Stanley, M.D. ...	1906
Parkinson, Malcolm, M.B., C.M. ...	1895
Peach, Emily Marianne, M.B., Ch.B. ...	1921
Penberton, George Benjamin, M.B., Ch.B. ...	1914
Pierson, Thomas, M.B., Ch.B. ...	1928
Place, Mrs. T. See Turner, Mary I. ...	
Potts, Dorothy, M.B., Ch.B. ...	1918
Pownall, Margaret, M.B., Ch.B. ...	1924
Pratt, Hilda, M.B., Ch.B. (Mrs. Gerrard Burnett) ...	1925
Prendergast, William Dowling, M.D. ...	1891
Prentice, Mary Isabel, M.B., Ch.B. ...	1929
Price, Richard, L.R.C.P., L.R.C.S. ...	1911
Proudfoot, Harold Heaford, M.B., Ch.B. ...	1915
§Proudfoot, Robert, M.B., Ch.B. ...	1913

† Assistant Director of the Indian Medical Service; Mentioned in Despatches (three times); C.I.E., D.S.O., Kt.

\* M.B.E. † Awarded V.C. for gallant conduct at Makkerstroom (South Africa), 1900. C.M.G.

‡ Awarded M.C.

§ Serbian Order of White Eagle (5th class).

DIPLOMA IN PUBLIC HEALTH—continued.	Date of Diploma	Date of Diploma	
Quine, Richard Henry, L.R.C.P.	1892	Talent, John William, M.D.	1907
Quine, William James Aitken.		Tate, Isobel, M.D.	1904
	M.B., B.S.	Tattersall, William Hartley, M.B., Ch.B.	1916
Radcliffe, Adolphus Harold, M.B., Ch.B.	1920	Taylor, Doris Adeline, M.B., Ch.B.	
* Rainsbottom, Albert, M.D.	1903	(Mrs James MacIntosh)	1922
Rainsbottom, Edgar Nelson, M.B., B.S.	1919	Thom, Alexander Philip, M.B., C.M.	1890
Rainsbottom, James, M.B., Ch.B.	1914	Thompson, George Kenworthy,	
Ramsden, Ernest Arthur,		M.B., Ch.B.	1914
	L.R.C.S., L.R.C.P.	Thompson, Mrs. See Royle, Elsie M.	
Ramsden, Herbert, M.D.	1899	Thorp, Harold, M.B., Ch.B.	1904
Ratner, Edwin. See Ratner, Edmie.		Tindal-Robertson, Mrs.	
Ratner, Edmie, M.B., Ch.B.		See Marsden, Edith M.	
(now Ratner, Edwin)	1923	Titcombe, Roland Hereward,	
Rawson, Edward Albert, M.B., Ch.B.	1891	M.B., Ch.B.	1911
Reekie, Marjorie, M.B., Ch.B.		Tomb, James Alexander, M.B., Ch.B.	1914
(Mrs. J. F. Ward)	1929	Townley, Alfred Ernest, M.B., Ch.B.	1914
Remedios, Antonio Baptista dos,		Trayer, Hugh George, M.B.	1913
M.B., Ch.B.	1903	Turner, Harold Midgley, M.B., Ch.B.	1926
Renshaw, Arnold, M.D.	1920	Turner, Mary Isabel, M.B., Ch.B.	
Renwick, Mrs. G. A.		(Mrs. T. Place)	1922
See Ellison, Beatrice L.		Turner, Richard Timmins, M.D.	1910
Rice, David, M.R.C.S., L.R.C.P., M.D.	1906	Turton, Philip Henry Job, M.D.	1929
Rigby, John, M.B., Ch.B.	1926	2 Tylecote, Frank Edward, M.D.	1906
Rigby, Walter Chaloner, M.B., Ch.B.	1905	Uttley, William Wilkinson, M.B., Ch.B.	1911
Ritchie, Alexander Wilkie, M.B., Ch.B.	1921	Waddington, William Heywood,	
Roberts, George Henry, M.B., B.S.	1922	M.B., Ch.B.	1901
Robertson, Lewis Stevens, M.B., Ch.B.	1920	Walker, Cuthbert Ferguson, M.B., Ch.B.	1911
Rodgers, Frederick Millar, M.B., Ch.B.	1903	Walker, Ernest Harold, M.B., Ch.B.	1919
Roscoe, Henry, M.R.C.S., L.R.C.P.	1906	Walker, James, M.B., Ch.B.	1919
Ross, Sheila Margaret, M.D.	1909	Walker, Victor Robert, M.B., Ch.B.	1932
Ross, Thomas, M.B., Ch.B.	1933	Walmsley, George Henry Cooper,	
Royle, Elsie Marsh, M.D.		M.B., Ch.B.	1933
(Mrs. Thompson)	1909	Walmsley, Josephine, M.B., Ch.B.	1929
Russell, Gladys Julia Cuthbertson,		Walshaw, Ronald, M.B., Ch.B.	1929
M.B., Ch.B.	1924	Ward, Eric, M.R.C.S., L.R.C.P.	1931
		Ward, Herbert Gibbons, M.B., Ch.B.	1909
Saul, Barnet, M.R.C.S., L.R.C.P.	1909	Ward, Mrs. J. F. See Reekie, Marjorie	
Scholefield, Ernest Hall, M.B., Ch.B.	1912	Webb, Charles Carew, B.A., M.B., B.C.	1904
Scholefield, George Edward, M.D.	1898	Webb, Frank, M.R.C.S., L.R.C.P.	1910
Scott, Herbert Ainslie, M.B., Ch.B.	1898	Wells, John William, M.D.	1901
Sellers, Arthur, M.D.	1894	White, Charles Francis, M.B., Ch.B.	1920
Sellers, William, M.D.	1889	White, Fthel, M.B., Ch.B.	1924
Sewell, James Scott, M.D.	1930	Whitehead, Henry, M.B., Ch.B.	1909
Sharples, William Henry,		Whittaker, Mrs. Frank	
M.R.C.S., L.R.C.P.	1894	See Snowdon, Constance	
Sheehan, Kathleen, M.B., Ch.B.	1929	Wigglesworth, Winifred Farnival, M.B.	1910
Sheldon, Hugh Frederick, M.R.C.S.	1919	Wilcocks, Frances Gertrude, M.B., Ch.B.	1922
Sheldon, John Henry, M.D.	1921	Wiley, James Brown, M.B., Ch.B.	1928
Sinclair, William Smith, M.B., C.M.	1901	Williams, John McGeagh, M.B.	1912
Smith, James Fletcher, M.B., Ch.B.	1908	Williamson, Henry Merrill, M.B., Ch.B.	1911
Smith, John Stuart, M.B., Ch.B.	1928	Wilkinson, Arthur Geden, M.B., Ch.B.	1913
Snuthard, Walter Reginald Norman,		Wilkinson, James Bates, M.D.	1894
M.B., Ch.B.	1921	Wilshaw, Robert Heywood, M.B., Ch.B.	1901
Snowdon, Constance, M.B., Ch.B.		Wilson, Basil Mayor, M.B., Ch.B.	1911
(Mrs. Frank Whittaker)	1922	Wilson, David McGruther, M.B., Ch.B.	1915
Soni, Mul Raj, M.B., Ch.B.	1920	Wilson, Stanley Pierce, M.B., Ch.B.	1927
Sproul, Margaret, M.B., Ch.B.	1928	Woolham, Josiah Gilbert, M.B., Ch.B.	1909
Stacey, William Wingley, M.B., Ch.B.	1914	Woolley, Jasper, Maxwell, M.B.	1907
Staley, Robert James, M.B., Ch.B.	1921	Wolseley, William Owen,	
Starkie, Colin,		L.R.C.P., L.R.C.S.	1893
M.R.C.S., L.R.C.P., M.B., Ch.B.	1933	Wong, Chung Yik, M.B., Ch.B.	1912
Stephens, Horace Elliot Rose,		Wray, Gerald Gage, M.B., Ch.B.	1912
M.B., Ch.B.	1918	Wright, William, M.B., Ch.B.	1913
Stewart, Robert, L.R.C.P., L.R.C.S.	1907	Wynne, Frederick Edward, M.B., Ch.B.	1910
Stocks, Arthur Vernon, M.B., Ch.B.	1920		
Stocks, Marion, M.B., B.S.	1913	Youatt, Leonard, M.B., Ch.B.	1892
Stott, William, M.B., B.S.	1921	Young, Meredith, M.D.	1896
Stowell, Eud Florence, M.B., Ch.B.		Young, William Arthur Bruce,	
(Mrs. Cook)	1924	M.B., Ch.B.	1912
Sydenham, Frederick William, M.D.	1895		

1 Professor of Clinical Medicine in the University.

2 Professor of Systematic Medicine in the University; F.R.C.P.

1 Awarded M.C.

## DIPLOMA IN VETERINARY STATE MEDICINE

	<i>Date of Diploma</i>		<i>Date of Diploma</i>
Alexander, Andrew ... ..	1922	Locke, Richard Conway ... ..	1925
Allen, Cecil Gordon ... ..	1924	Lomas, John Harold ... ..	1908
Antony, David John ... ..	1924	Lovell, Reginald ... ..	1925
Aston, Frank ... ..	1928		
Balfour-Jones, Sidney Edmund Bruce	1931	McGaughey, Charles Angus ... ..	1926
Bennison, John Carr ... ..	1933	McGaughey, John ... ..	1929
Beynon, Albert Gwyn ... ..	1932	MacGregor, William Alister ... ..	1926
Blakemore, Frederick ... ..	1929	McKinna, William Robert ... ..	1920
Blanchard, John Harley ... ..	1933	Menzies, Thomas ... ..	1914
Brittlebank, Joseph William ... ..	1907	Matheson, Donald Capell ... ..	1907
Brown, John ... ..	1906	Mattinson, Arthur Bowman ... ..	1910
Caldwell, Hawkeshead Seddon ... ..	1927	Pollard, John ... ..	1908
Comer, Edward Anthony ... ..	1929	Robertson, James Ambrose Renwick ...	1927
Crompton, Clifford ... ..	1932	Runciman, James Philip Graeme ...	1933
Douglas, Alexander ... ..	1907	Sewell, Edward James Bernard ... ..	1920
Dwerryhouse, William Leslie ... ..	1932	Smyth, Richard Samuel ... ..	1927
Facer, John ... ..	1914	Spruell, John ... ..	1909
Finch, Richard ... ..	1908	<i>Stirling, James Millar</i> ... ..	1905
Garside, John Stanley ... ..	1931		
Halstead, William ... ..	1914	Thomas, Gwilym Hugh ... ..	1929
Hart, Andrew Kerr ... ..	1909	Torrance, Harry Lietch ... ..	1914
Hayhurst, James Rogerson ... ..	1911		
Henderson, William Walker ... ..	1910	*de Vine, Brennan ... ..	1910
Holland, Charles ... ..	1913		
Holmes, Roger Parkinson ... ..	1915	Watchorn, Richard William Ambler ...	1922
Holroyd, John ... ..	1910	Whitehead, Joseph Donaldson ... ..	1908
Hornby, Henry Epton ... ..	1912	Wood, Clifford Robert ... ..	1927
Levie, Alexander ... ..	1907	Young, William Jackson ... ..	1909
Lloyd, John Smout ... ..	1905		

## DIPLOMA IN DENTISTRY.

Ackers, Robert ... ..	1921	Brandwood, Mary Marion (Mrs. M. M. Peacock) ... ..	1928
Aldred, Arthur ... ..	1913	Breakell, Charles Clayton ... ..	1921
Allison, Oswald Roy, B.D.S. ... ..	1909	Brennan, Sydney Herbert ... ..	1922
Anderson, George Peele ... ..	1916	Brooks, Amos ... ..	1915
Andrew, Arthur Stanley ... ..	1923	Broughton, Harry ... ..	1913
Appleton, Allan Herbert, B.D.S. ...	1927	Brown, Benjamin ... ..	1914
Appleton, John ... ..	1926	Brown, Hugh Vipont ... ..	1912
Ashworth, Harold ... ..	1926	Brown, Wilfred James ... ..	1929
Ashworth, Harold Senior ... ..	1923	Buck, Norman Anwyl ... ..	1923
		Butterworth, Eric James ... ..	1927
† Barnes, Douglas Molyneux ... ..	1921	Butterworth, James Spencer, B.D.S. ...	1927
Batty, Edgar Douglas ... ..	1914	Butzkie, Carl ... ..	1930
Batty, John Redvers ... ..	1927		
Beighton, Ethel ... ..	1922	Caldwell, Harry Alburn ... ..	1913
Benson, Elizabeth ... ..	1921	Caldwell, Margaret Eliza ... ..	1925
Bentz, Marion ... ..	1931	Campion, Dennis Henry, B.D.S. ... ..	1924
Besford, John Charles Preston ... ..	1933	Campion, Leslie George, B.D.S. ... ..	1926
Betts, Bernard Chap ... ..	1916	Candon, Teresa (Mrs. Hull) ... ..	1919
Birtwistle, Albert ... ..	1923	Cardwell, Charles Ernest ... ..	1919
Bleakley, Arthur Dixon ... ..	1918	Castles, Reginald ... ..	1932
Bolton, Henry Arthur ... ..	1926	Castles, Sydney Arthur ... ..	1923
Booth, Alan ... ..	1920	Chronnell, Gerald ... ..	1926
Booth, Sidney ... ..	1922	Clee, Harry Jeffrey ... ..	1923
Booth, Mrs. See Walker-Anderson, Grace		Cleworth, Stanley Dixon ... ..	1933
Bradbury, Ronald ... ..	1929	Cocker, Ralph ... ..	1930
Bradley, Ernest ... ..	1926	Cooke, Bernard ... ..	1928
		Cooke, Colin ... ..	1927

x Assistant Director of Veterinary Services ; C.M.G.

\* Awarded M.C.

† Mentioned in Despatches.

DIPLOMA IN DENTISTRY—continued	Date of Diploma	Date of Diploma	
Cooper, Cyril Claude	1925	Hargreaves, Geoffrey William	1931
Corless, Thomas Arthur Bell, B.D.S.	1911	Harper, Cecil	1922
Cory, Charles George Awdry	1923	Harrison, Cecil George Westernman	1930
Cotton, Edward Charles	1908	Harvey, Ernest	1932
Craggs, Alfred Lishuan	1920	Hatton, Herbert Oswald	1912
Cregan, Thomas Cyril	1912	Hayes, Leslie Fayle	1925
Cropper, Albert	1923	Healey, Thomas Frederick	1917
Cropper, John	1924	Heap, John Butterworth	1925
Cross, Mildred	1923	Heaton, Eric Raymond	1926
Cross, Ralph Stanley	1930	Heelan, Reginald Laurence	1919
Dawson, Raymond Gillie	1929	Henderson, Alfred William Bruce	1922
Dellow, Henry	1931	Hilton, Alan Howard	1924
Dickson, David Ritchie	1932	Hobson, Alan	1932
Ditcham, Vernon	1910	Holcroft, Thomas	1929
Dockree, Anthony Arthur	1924	Horsfield, Stanley	1939
Dorning, Kenneth MacLeod	1930	Horsman, Roy Sarginson	1926
Duffy, Arthur	1915	Howard, Charles Douglas	1922
Duncan, Howard	1926	Howarth, Frederick Andrew	1924
Dunn, Florence Ansley	1923	Howorth, Henry Leslie	1915
Dutton, Edgar William	1927	Hoyle, John Bernard	1930
Duxbury, Moses Harry	1921	Hughes, Eunice Winifred	1915
Dykes, Thomas Podmore	1932	Hull, Mrs. See Candon, Teresa	
Dykes, William Gillespie	1910	Hutchinson, Arthur Cyril William, M.D.S.	1911
Ellis, George Johnston	1933	Ivers, Harold Bradley	1920
Ellis, Harold Richardson	1911	Jackson, John Baldwin	1922
Ellis, James Edward	1930	Jackson, Wilfred	1911
Ellison, Reginald	1924	Jagger, James Irwin	1924
Elmitt, George Lionel	1913	Janes, Bernard Victor	1924
Elton, James Brandreth	1922	Jefferson, Charlotte Cecilia	1926
Emerson, Douglas Elson	1927	Jewison, William Henry	1924
Entwistle, Edward	1930	Johnson, Nellie, B.D.S.	1926
Entwistle, Ellen Mary (Mrs. Jones)	1924	Johnstone, Alan Broster	1923
Eslinmann, Douglas	1913	Jones, Frank	1924
Evans, Joseph Derek	1930	Jones, Sydney Clement Cuthbert	1924
Farmer, Thomas Charles	1924	Jones, Mrs. See Entwistle, Ellen M.	
Farrington, Roy Leech	1924	Keighley, Richard Bamber	1926
Faust, Edward	1924	Kennedy, John O'Hanlan	1909
Fawcett, Ronald Stephen	1930	Kershaw, James	1917
Fennah, Robinson Golding	1924	Kieran, Peter Joseph	1915
Fewster, James Roy	1932	Kiernan, Antony Raymond	1924
Fillingham, Stanley Bowers	1925	Kirkbride, George Henry	1923
* Fillingham, Sydney Ingram	1910	Kirkbride, Herbert Beesley	1921
Firth, Harold Daniel	1912	Knowles, John Cecil	1921
Fish, Eric Wilfred	1914	Kolligs, Fritz Ferdinand Hugo Ernest	1914
Fisher, Gerald William Noel	1924	Lamb, Eric Robert	1912
Flitcroft, Norman	1918	Laslett, Harold	1921
Furness, Austin	1915	Latache, Kate, B.D.S.	
Furness, George	1915	(Mrs. Arthur Rausden)	1912
Gardner, Philip Anthony	1921	Lawrie, Douglas McEwan	1911
Garforth, Harold Winton	1924	Le Marchant, Denis	1923
Garforth, Helen	1924	Lever, Walter Kenyon	1915
Garstang, Wallace	1921	Lewis, Gwilym	1929
Gibbons, Frederick Ralph	1924	Lewis, Philip Ivor	1923
Gibbons, John Moss	1932	Lewis, Philip Reginald, B.D.S.	1927
Gibson, Arnold	1911	Lewty, Richard Arthur	1921
Gibson, Edward Binney	1908	Lilley, Walter Arthur, B.D.S.	1929
Gibson, Sidney Knight	1916	Littlewood, Albert Vincent	1921
Gilbert, Joseph Edwin	1912	Lomax, Gerald Alban	1925
Gittings, Sidney James	1933	Long, Oswald Ambrose	1923
Gledsdale, Herbert Pickering	1933	Longson, Arthur Gerald	1923
Grav, Stanley Johnson	1922	Longson, Herbert Victor	1921
Green, Herbert James Finlay	1915	Lonsdale, Thomas	1926
Green, John	1925	Lord, Cyril	1932
Gregory, William Fairbairn	1911	Lord, John Williamson	1931
Hall, James Eldred	1932	Lyth, Frank	1914
Hallivell, John Leslie	1921	Lyth, Harry	1911
Hampson, Robert Allan	1925	McCarthy, Albert Walshaw	1924
Hankinson, George Reginald Davenport	1916	McFarlane, William Stark	1924
Harding, Cecil Sutton	1911	McGeorge, David Augustus	1922

\* Mentioned in Despatches.

DIPLOMA IN DENTISTRY—continued.	Date of Diploma
McNabb, Charles Ernest ... ..	1910
Maden, William Henry ... ..	1910
Magraw, John Eric ... ..	1915
Manley, Edgar Booth ... ..	1920
Markland, Howard ... ..	1926
Marsden, Dorothy ... ..	1920
Marsden, Norman Rowley ... ..	1923
Masters, Herbert ... ..	1916
Medd, Robert Clifford, B.D.S. ... ..	1924
Medd, Samuel Roland, B.D.S. ... ..	1928
Mellowdew, John Lees, B.D.S. ... ..	1932
Metcalfe, George ... ..	1924
Midgley, James ... ..	1923
Monks, Frederick Taylor ... ..	1933
Moody, John Robert ... ..	1926
Moore, Charles Granville ... ..	1928
Moran, Lawrence ... ..	1930
Morgan, Edward Llewelyn ... ..	1918
Morrey, Frank Raymond ... ..	1931
Morrey, Joseph ... ..	1909
Morse, Valentine Wheatstone ... ..	1920
Morton, Harry ... ..	1914
Moule, Alan Weldon ... ..	1933
Muller, Ferdinand ... ..	1923
Newman, William Ferguson ... ..	1932
Nidd, Mary Vivian ... ..	1922
Noble, John Wood ... ..	1923
Nordcliffe, Thomas Stainthorpe ... ..	1933
O'Brien, Donogh Joseph ... ..	1912
O'Donahue, John Michael ... ..	1924
O'Neill, Charles ... ..	1924
Oxendale, Albert ... ..	1930
Papazian, Herant ... ..	1915
Parker, Alan ... ..	1929
Parkes, Denis Lowin ... ..	1928
Parkinson, Harold Ainsworth ... ..	1920
Parry, Arthur Leslie ... ..	1933
Paterson, Agnes Marianne ... ..	1932
Paterson, Malcolm Clark, B.D.S. ... ..	1914
Patterson, David Alexander ... ..	1925
Paulding, George James ... ..	1932
Peacock, Jack Noel ... ..	1928
Peacock, Mrs. M. M. <i>See</i> Brandwood, Mary M.	
Peers, Robert Walter ... ..	1924
Pickering, Oliver ... ..	1932
Pilling, Joseph Arthur ... ..	1932
Piper, William John ... ..	1911
Place, Alfred Noel ... ..	1922
Place, Thomas Byron ... ..	1914
Place, Thomas Keen ... ..	1913
Platford, Minnie Hill ... ..	1930
Plummer, Charles Harold ... ..	1911
Pollitt, Laurence Hilton ... ..	1925
Poole, Arthur Wilman ... ..	1923
Poole, Bessie Helena ... ..	1922
Poulter, Eric Seymour ... ..	1922
Poulter, Leslie Bertram ... ..	1925
Preston, Frank Bassnett ... ..	1910
Quinn, William Henry Darley ... ..	1915
Radcliffe, Asenath Mary ... ..	1926
Raeside, Matthew ... ..	1920
Ralphs, Ernest Edward ... ..	1924
Ramsbottom, Robert ... ..	1913
Ramsden, Alice ... ..	1920
Ramsden, Arthur ... ..	1923
Ramsden, Mrs. Arthur <i>See</i> Latche, Kate	
Ramsden, Jessie ... ..	1915
Rapier, Leonard Aubrey ... ..	1923
Renshaw, Arnold, B.D.S. ... ..	1909

	Date of Diploma
Reynolds, John Leonard ... ..	1907
Rigbey, George Frederick Leonard ... ..	1923
Riley, John ... ..	1909
Riley, John ... ..	1923
Roberts, Fred Crossley ... ..	1933
Ross, Samuel Gordon ... ..	1911
Rothwell, Thomas ... ..	1911
Royley, George Cook ... ..	1916
Ryley, Edward Bernard ... ..	1912
Sandiford, Herbert Edgar ... ..	1925
Scott, Cecil Francis, B.D.S. ... ..	1912
Scotts, George Newton ... ..	1914
Sheldon, Maurice ... ..	1931
Sherry, Mary Hilda ... ..	1923
Shute, Kenneth Vivian ... ..	1927
Sibson, Maurice Daniel ... ..	1922
Sibson, Reginald Daniel ... ..	1922
Simm, Frederick Charles ... ..	1924
Slater, Wilfrid Jennings ... ..	1913
Smith, Edward Gillespy, B.D.S. ... ..	1927
Smith, Fred Eric ... ..	1924
Smith, John ... ..	1914
Smith, Leslie David ... ..	1928
Smith, Robert Stephen ... ..	1914
Smith, Tom Bernard ... ..	1909
Spedding, Henry Edward ... ..	1930
Spedding, James Herbert ... ..	1921
Stafford, Alfred Wheeler, B.D.S. ... ..	1924
Stafford, Charles Herbert ... ..	1923
Statham, Joseph Edgar Warburton ... ..	1922
Stirling, George ... ..	1921
Stirzaker, Laurence Edwin ... ..	1925
Stones, Hubert Horace, M.D.S. ... ..	1914
Stronach, Ian Rennie ... ..	1931
Sutton, Denis Herbert ... ..	1912
Swallow, William Edward Hawley ... ..	1922
Taylor, Ernest Robert ... ..	1924
Taylor, Hereford Philip ... ..	1922
Taylor, William Geoffrey ... ..	1928
Theakston, Joseph Allan ... ..	1932
Thomas, James Leslie ... ..	1923
Thomas, Ronald Evelyn Crosthwaite ... ..	1926
Thornton, Eric ... ..	1933
Thornton, James Edwin ... ..	1921
Timperley, Robert Maywhort ... ..	1912
Torkington, Albert ... ..	1907
Torkington, Harold Holt, B.D.S. ... ..	1932
Torkington, John Lees, B.D.S. ... ..	1931
Tough, Arnold Bannatyne ... ..	1911
Townley, Herbert, B.D.S. ... ..	1924
Travis, Charles Henry ... ..	1917
Tunstall, Granville ... ..	1926
Twelves, Ernest ... ..	1926
Vernon, Harold ... ..	1924
Vickers, Norman ... ..	1910
Voss, Hugo ... ..	1923
Waddingham, Frank Clifford ... ..	1924
Walch, Walter Grimshaw ... ..	1924
Walker-Anderson, Gracie (Mrs. Booth) ... ..	1921
Walmsley, Harold ... ..	1919
Walton, Reginald Arthur ... ..	1925
Warburton, George Birket ... ..	1928
Ward, Ernest ... ..	1913
Ward, Leonard Wallworth ... ..	1911
Ward, Robert Sydney ... ..	1911
Warner, Edward Brown ... ..	1914
Waterhouse, Wilfrid ... ..	1925
Watson, Eric Armin ... ..	1913
Watts, George Edward ... ..	1924
Wells, Stanley ... ..	1925
Whitehead, Aquila ... ..	1914

DIPLOMA IN DENTISTRY—continued.	Date of Diploma	Date of Diploma	
Whitworth, Sydney ... ..	1921	Williamson, David Vincent ... ..	1912
Wild, Norman ... ..	1929	Wood, Douglas ... ..	1913
Wilkinson, Bertram ... ..	1918	Wood, George Henry ... ..	1921
Wilkinson, James Varley ... ..	1914	Wood, John Glen ... ..	1925
Williams, Frederick Wilfrid, B.D.S. ... ..	1928	Wood, Norman ... ..	1920
Williams, Vernon Anderson ... ..	1925	Wood, Norman Holroyd ... ..	1915
Williams, William Richard ... ..	1921		

## DIPLOMA IN PSYCHOLOGICAL MEDICINE.

Chevens, Leslie Charles Frederick, M.R.C.S., L.R.C.P. ... ..	1924	Montgomery, Edwin, F.R.C.S. ... ..	1913
Cornac, Harry Dove, M.B., M.S. ... ..	1924	Mulholland, Henry Cunningham, M.B., B.Ch., D.P.H. ... ..	1930
Davidson, Thomas Wishart, M.B., Ch.B. ... ..	1924	Palmer, Harold Anstruther, M.B., Ch.B. ... ..	1933
Gebbie, Nicholas, M.D., D.P.H. ... ..	1930	Reid, Benjamin, M.B., Ch.B. ... ..	1930
Handley, Richard, M.B., Ch.B. ... ..	1928	Shepley, William Hadfield, M.B., Ch.B. ... ..	1928
Howie, James Erskine, M.B., Ch.B. ... ..	1928	Stafford, Harry, M.B., Ch.B. ... ..	1928
Luff, Mary Constance, M.B., B.S. ... ..	1927	Stewart, Roy Mackenzie, M.B., Ch.B. ... ..	1914
Lynch, William Joseph, M.B., Ch.B. ... ..	1924	Thomson, William George, M.B., Ch.B. ... ..	1925
McGlashen, William Reid, M.B., Ch.B. ... ..	1924	Walker, Charles Barnet Victor, M.B., Ch.B. ... ..	1925
McKail, Robert Buchanan Forbes, M.D. ... ..	1929		

## FACULTY OF COMMERCE AND ADMINISTRATION.

## DIPLOMA IN SOCIAL STUDY.

	Date of Diploma
Allison, Kathleen, Jane, B.A. (Com.) ... ..	1930
Daniels, Hilary Barbara, B.A. ... ..	1930
Fidler, A. E. H. ... ..	1932
Grist, Valerie S., B.A. (Admin.) ... ..	1932
Haring, Ruth, L.L.B. ... ..	1931
Rhess, Jean, M.A. ... ..	1931
Roberts, Beatrice Helen, B.A. ... ..	1931

## FACULTY OF EDUCATION.

## TEACHER'S DIPLOMA.

NOTE.—After 1905 the list was divided into two classes, and after 1913 the second class was divided into two divisions. The figures following the names denote the class and division respectively.

After 1918 division into classes was discontinued, but was re-introduced in 1921.

Abba, Edna D., B.Sc. ... ..	II.	1929	Aurey, Alice, B.Sc. ... ..	II.	1932
Abell, Marjorie M., B.A. ... ..	II.	1926	Akred, Alice, B.Sc. ... ..	II.	1930
Abraham, Christabel M., B.A. ... ..	II.	1930	Alderson, J. D., B.Sc. ... ..	II.	1928
* Abraham, Mabel, B.A. ... ..	II. (2)	1917	Aldred, Harold, B.Sc. ... ..	II.	1910
* Ackroyd, Louis, B.Sc. (Leeds) ... ..	II.	1913	Alfred, Violet, B.Sc. ... ..	II.	1931
Adam, Jeanie I., B.A. ... ..	II.	1924	Aldridge, Clarice M., B.Sc. ... ..	II.	1932
Adams, Edith R., B.A. ... ..	II.	1927	Allan, Dorothy, B.A. ... ..	II.	1928
* Adams, F. R., B.A. ... ..	...	1919	Allard, Gwendoline, B.A. (Mrs. Robert Bryson) ... ..	II.	1926
Adams, Margaret T., B.A. ... ..	II.	1926	Allaun, Ray P., B.A. ... ..	I.	1930
Adams, May L., B.Sc. ... ..	II.	1924	Allcock, Mrs. W. B. See Jones, Gladys M.		
Adams, Phyllis M., B.A. ... ..	II.	1930	Allen, Margaret D., B.Sc. ... ..	II.	1923
Adams, Violet D., M.A. (Mrs. E. Constantin) ... ..	II.	1907	Allen, Mary W., B.A. ... ..	II.	1928
Adamson, James, B.Sc. ... ..	II.	1926	Allen, Muriel L., B.A. ... ..	II.	1923
Adderley, C. J., B.Sc. ... ..	II.	1923	Allen, P. H., B.A. ... ..	II.	1925
Addy, Dorothy M., B.Sc. ... ..	II.	1923	Almond, Percy, B.Sc. ... ..	II.	1924
Addis, Gwendoline, B.A. ... ..	II.	1931	Alston, N. A., M.Sc. ... ..	I.	1920
Agar, H. W., M.Sc. ... ..	...	1899	Anders, Ethel M., B.A. ... ..	II.	1924
Ainslie, Hester W., B.A. (Mrs. Crichton) ... ..	...	1902	Anderson, Bessie, B.A. ... ..	II.	1929
Ainsworth, Thomas, B.Sc. ... ..	II.	1933			

\* Secondary Branch

## TEACHER'S DIPLOMA—continued.

Date of  
DiplomaDate of  
Diploma

*Anderson, Freda M., B.A. ...	I.	1922	Barkas, W. W., B.Sc. ...	II.	1923
Anderson, Jean M., B.Sc. ...	II.	1931	*Barkell, Lillian N., B.A. (Sheffield) ...	I.	1911
Anderson, Margaret, B.A. ...	II.	1931	Barker, Florence A., B.A. ...	...	1904
Anderson, Marguerite M., B.A. ...	II. (1)	1918	Barker, Mrs. H. J. ...	...	...
*Anderton, Harriet A., B.A. ...	...	...	See Bradley, Constance V. ...	...	...
(Mrs. G. B. Jackson) ...	II. (2)	1922	Barker, Mabel A., B.Sc. ...	II.	1925
Andrew, Mary, B.Sc. ...	II.	1928	Barker, Nora, B.A. ...	...	II.
Andrew, Kathleen, B.A. ...	...	II.	Barker, R. B., M.A. ...	...	1924
Angus, A. A., B.A. ...	...	II.	*Barlow, Alfred, B.Sc. ...	II. (1)	1922
Annis, Walter, B.Sc. ...	...	II.	Barlow, Mrs. Arthur. See Moyes Ethel ...	...	...
Appleby, Enid, B.A. ...	...	II.	Barlow, H. S., B.Sc. ...	...	1926
Ardern, Francis M., B.A. ...	...	II.	Barlow, Richard, B.Sc. ...	...	1923
Armstrong, Gladys M., B.Sc. ...	...	II.	Barlow, Winifred, B.A. ...	II. (2)	1916
(Mrs. H. B. Speakman) ...	I.	1915	Barnes, A. G., B.A. ...	...	1932
Arthur, Esther M., B.Sc. ...	...	...	Barnes, Grace, B.A. (Mrs. Metcalfe) ...	II.	1910
(Mrs. J. D. Hannah) ...	II.	1923	Barnes, Hilda J., B.Sc. ...	...	1923
Ascroft, Florence S., B.A. ...	...	II.	Barraclough, Harold, M.Sc. ...	...	1924
Ashburner, A. E., B.Sc. ...	...	II.	Barwise, Wilfrid, B.A. ...	...	1931
Ashcroft, Alice, B.Sc. ...	...	II.	*Basford, Kathleen E., B.A. ...	II. (1)	1922
Ashhurst, William, B.Sc. ...	...	II.	Bashforth, Edward, B.Sc. ...	...	1920
*Ashley, Frances H., B.A. ...	...	...	Bass, Freda W. P., B.A. ...	...	1932
(Mrs. Rowbotham) ...	I.	1913	Bate, R. N., B.Sc. ...	...	1926
Ashton, Florence, B.A. ...	...	II.	*Bateman, Isabella, B.Sc. ...	...	1920
Ashton, Helen K., B.A. ...	...	II.	Bates, Lawrence, B.A. ...	...	1931
*Ashton, Margaret M., B.A. ...	...	...	Bateson, Thomas, M.A. ...	...	1897
(Mrs. W. W. Kay) ...	1919	...	Bawden, Gerda G., B.A. ...	...	1930
Ashton, Martha, M.A. ...	...	...	Baxendale, Agnes A., B.A. ...	...	1929
(Mrs. Herbert Blane) ...	I.	1910	Baxter, Ada L., B.A. ...	...	1930
Ashworth, Arthur, B.Sc. ...	...	II.	Baxter, Elsie, B.A. ...	...	1932
Ashworth, Florence M., B.A. ...	...	II.	Bayley, C. C., M.A. ...	...	1932
Ashworth, John, B.A. (Comm.) ...	...	II.	Bayley, G. A., B.Sc. ...	...	1927
Ashworth, Josiah, B.Sc. ...	...	II.	Bayley, G. T., B.A. ...	...	1925
Ashworth, Margaret M., B.A. ...	...	II.	*Beadle, Margaret, B.Sc. ...	...	1920
*Aspinall, Arthur, B.A. ...	II. (1)	1922	Beard, Ralph, B.A. ...	...	1918
Atherton, William, B.Sc. ...	...	II.	Bearpark, Margaret, B.A. ...	...	1920
Atkinson, Elizabeth J., B.Sc. ...	...	II.	Beattie, W. A., B.Sc. ...	...	1927
Atkinson, J. J., B.A. ...	...	II.	Beaver, Mary, B.A. ...	...	1927
Atkinson, Marjorie, B.A. ...	...	II.	Beckerlegge, Mrs. See Aveyard, Ethel A. ...	...	...
Atkinson, Marjorie K., B.A. ...	...	II.	Beckett, J. H., B.A. ...	...	1933
Atkinson, T. S., B.A. ...	...	II.	Beddow, Elsie G., M.A. ...	II. (2)	1918
Atterton, Mrs. R. See Duck, Isabel ...	...	...	*Bedford, Dorothy, B.A. ...	II. (2)	1917
Austin, G. B., B.Sc. ...	...	II.	Bedson, Muriel A., M.A. ...	...	...
Aveyard, Ethel A., B.Sc. ...	...	II.	(Mrs. R. E. Slade) ...	...	II.
(Mrs. Beckerlegge) ...	1903	...	Beecroft, Jennie, B.A. ...	...	1907
Badland, Mary A., B.A. ...	...	I.	Beeley, Annie H., B.A. ...	...	1909
Badgley, F. E., B.Sc. ...	...	II.	Beeley, J. W., B.Sc. ...	...	1932
*Bahm, Kate M., B.A. ...	II. (2)	1922	Beever, Grace, B.Sc. ...	...	1929
Bailey, Elfrieda, B.Sc. ...	...	II.	Beagle, Dorothy G., B.Sc. ...	...	1923
Bailey, Ethel, B.A. ...	...	II.	Beil, A. E., B.A. ...	...	1913
Baillie, T. G., B.Sc. ...	II. (1)	1915	Bell, Beatrice C., B.A. ...	...	1929
Baines, Mabel M. D., B.A. ...	...	II.	Bell, Caroline M., B.A. ...	...	1925
Baird, Marjorie, B.Sc. ...	...	II.	*Bell, Dorothy, B.A. ...	...	...
Baker, Mrs. H. ...	...	...	(Mrs. G. L. Meacham) ...	I.	1917
See Lightbown, Constance M. ...	...	...	Bell, Edward, B.Sc. ...	...	1933
Balderstone, Alice, B.A. ...	...	II.	† Bell, J. M., B.A. (Oxford) ...	...	1910
Ball, Hilda M., B.A. ...	...	II.	Bell, Laura J. L., B.Sc. ...	...	1926
Ball, John, B.Sc. ...	...	II.	*Bell, Marjorie, B.Sc. ...	...	1917
Ballantine, Esther, M.A. ...	II. (2)	1915	Bell, Minnie J., M.A. (Mrs. Price) ...	II.	1909
Ballantine, Mrs. ...	...	...	Bellman, Vera M., B.A. ...	...	II. (2)
See Macahster, Margaret W. ...	...	...	Belsen, Mrs. See Thompson, Ethel M. ...	...	...
Banfield, J. R., B.Sc. ...	...	II.	*Bennet, Leola K. ...	...	...
Banham, Katharine M., B.Sc. ...	...	...	(Girton College, Cambridge) ...	II. (1)	1916
(Mrs. J. W. Bridges) ...	1921	...	Bennett, Alwyn, B.Sc. ...	...	1931
Banks, Mrs. H. ...	...	...	Bennett, Clara, B.A. ...	...	1923
See Hacking, Margaret A. ...	...	...	Bennett, John, B.A. ...	...	1930
Bannister, Elizabeth, B.A. ...	...	II.	Bentley, J. P., B.Sc. ...	...	1923
*Bannister, Gladys, B.Sc. ...	II. (2)	1922	Bentley, Mary, B.A. ...	...	...
Bannister, Sydney, B.Sc. ...	...	II.	(Mrs. J. H. Burnett) ...	II.	1927
Barber, Mabel M., B.A. ...	...	...	Bernhardt, Elsie S., B.A. ...	...	1925
(Mrs. E. N. Davenport) ...	II.	1909	Berrington, Maud, B.Sc. ...	...	1932
Bark, Mrs. G. M. See Smith, Gertrude. ...	...	...	Berry, Edith M., B.A. (Mrs. North) ...	...	1919

\* Secondary Branch.

† Distinction.

## TEACHER'S DIPLOMA—continued

	Date of Diploma		Date of Diploma
Herry, Ethel, B.Sc. ... ..	II. 1923	Bradbury, R. H., B.Sc. ... ..	II. 1926
Berry, Malcolm, B.Sc. ... ..	II. 1931	*Bradley, Constance V. B. A. ... ..	II. 1926
Berry, Mary D. R., B.A. ... ..	II. 1933	(Mrs. H. J. Barber)	
Berry, Stanley, B.Sc. ... ..	II. 1924	*Bradley, Hilary, B.Sc. ... ..	II. (2) 1922
Beswick, Norah, B.Sc. ... ..	II. (2) 1918	Bradley, Mrs. W. A. See Jones, Mabel	
Bewan, Ellen M., B.Sc. ... ..	II. 1911	Bradley, Mrs. See Dinns, Marjorie	
(Mrs. Currie)			
Beverley, Walter, B.Sc. ... ..	II. 1915	Bradshaw, Mary A., B.A. ... ..	II. 1933
Bewley, Mrs. Arthur See Livesey, Hilda		Bradshaw, Rhoda, B.A. ... ..	I. 1932
Bibby, Edna, B.A. ... ..	II. 1928	Brady, Mildred, B.A. ... ..	II. 1930
Biddulph, Irene M., B.A. ... ..	I. 1933	Brady, R. P., B.Sc. ... ..	II. 1923
Bilsborrow, J. L., B.A. ... ..	II. 1930	Bramall, Mrs. Geoffrey	
Birch, Doris, B.A. (Mrs. Pearson)	I. 1917	See Law, Gertrude	
Birtles, Alfred, B.A. ... ..	II. 1928	Brennan, Kathleen E., B.A. ... ..	II. 1929
Birtwell, Elizabeth W., B.A. ... ..	II. 1911	Brentnall, H. C. ... ..	II. 1903
(Mrs. E. A. Royle)		Brewin, J. L., B.Sc. ... ..	II. 1931
Birtwell, Ellen H., B.Sc. ... ..	II. 1927	Bridge, F. H., B.Sc. ... ..	I. 1930
Birtwell, M. E., B.A. ... ..	II. 1932	Bridges, Kathleen, M.A. ... ..	II. 1927
Bishop, Edward, B.Sc. ... ..	II. 1929	Bridge, Marjorie A., B.Sc. ... ..	II. 1932
Black, Margaret E., B.A. ... ..	I. 1927	Bridges, Mrs. J. W.	
Black, Muriel M., B.Sc. ... ..	II. 1929	See Banham, Katharine M.	
Blackith, Enid, B.A. ... ..	II. 1932	Brier, Albert, B.Sc. ... ..	II. 1902
*Blackledge, Mary D., B.A. ... ..	II. (2) 1918	Briley, Arthur, B.Sc. ... ..	II. 1931
*Blake, Caroline E. B. ... ..	I. 1911	*Briley, Edith, B.A. ... ..	II. (2) 1915
(Somerville College, Oxford)		Briggs, A. R., B.A. ... ..	II. 1931
*Blakeway, Janet M., B.A. ... ..	II. 1912	Briggs, Mrs. R. W. See Jones, Norah A.	
(Mrs. D. E. Bowen)		Brindley, G. W., B.Sc. ... ..	II. 1927
Blamire, Winifred, B.A. ... ..	II. 1923	Briscoe, J. N., B.A. ... ..	II. 1930
(Mrs. Denis Hegan)		*Brittain, Dorothy, B.A. ... ..	II. 1920
Bland Mrs. See Provost, Ethel		Britten, A. G. R., B.A. ... ..	I. 1930
Blanc, Mrs. H. See Ashton, Martha		*Broadbent, Edith, B.A. ... ..	II. (2) 1916
Blaylock, T. E., B.Sc. ... ..	I. 1924	(Mrs. G. F. Higham)	
Blackley, J. A., B.A. (Cambridge)	II. 1910	*Broadbent, Florence M., B.A. ... ..	II. (1) 1922
Blomerley, H. W., B.Sc. ... ..	II. 1923	(Mrs. J. G. Straw)	
*Bock, Charlotte M. V. ... ..	I. 1911	Broadbent, F. R., B.Sc. ... ..	II. 1923
(Girton College, Cambridge)		Broadhurst, Sarah E. B.A. ... ..	II. 1933
Boden, Mrs. R. B. ... ..	I. 1911	Brodie, Elizabeth J., B.A. ... ..	II. 1909
See Robinson, Winifred		Brooks, Elsie, B.A. ... ..	II. 1933
Bogie, Reginald, B.Sc. ... ..	I. 1930	*Brooks, Elsie, B.A. ... ..	II. (2) 1915
Bond, Theodora, B.A. ... ..	II. 1919	Brooks, Gladys, B.Sc. ... ..	II. 1925
Bonney, J. P. ... ..	II. 1904	†Brooks, Harry, B.Sc. ... ..	II. (2) 1922
†Boon, Eva, B.A. ... ..	II. (1) 1922	Brooks, May, B.Sc. ... ..	II. 1924
Booth, Harold, B.Sc. ... ..	II. 1930	Brooks, Nellie, B.A. ... ..	II. 1929
Booth, Lena, B.A. ... ..	II. 1929	Brooks, Mrs. See Sharples, Norah	
Booth, Norman, B.Sc. ... ..	II. 1925	Broom, Maria D., B.A. ... ..	II. 1923
*Booth, W. S., B.A. ... ..	II. (1) 1921	Broster, W. S., B.A. ... ..	II. 1923
Boothman, Dorothy S., B.A. ... ..	II. 1929	Brown, Agnes, B.A. ... ..	II. 1928
Boothman, Hazel E., B.A. ... ..	I. 1925	Brown, Effie M., B.A. ... ..	II. 1930
Borrows, F. A., B.Sc. ... ..	I. 1926	Brown, Elizabeth, B.A. ... ..	II. 1920
Boss, Elizabeth W., M.A. ... ..	II. 1904	Brown, Florence M., B.Sc. ... ..	II. 1905
Bossos, Arthur, B.Sc. ... ..	II. 1924	*Brown, Florence W., B.Sc. ... ..	II. 1919
Bottomley, Harold, B.A. ... ..	II. 1928	(Mrs. Williams)	
Bottomley, Sarah E., B.A. ... ..	II. (2) 1918	Brown, Ida M., B.A. (Mrs. Johnson)	II. 1925
Bottomley, Winifred ... ..	II. 1902	*Brown, Kathleen, B.Sc. ... ..	I. 1927
†Bowcott, Chas. B.Sc. ... ..	II. (1) 1922	Brown, Reta W., B.A. ... ..	II. 1931
Bowden, Marjorie, B.A. ... ..	II. 1928	Brown, Tom, B.Sc. ... ..	II. 1911
*Bowe, Eleanor M., M.A. ... ..	II. (1) 1914	Brown, T. A., B.Sc. ... ..	I. 1928
Bowen, Mrs. D. E. ... ..	II. 1914	Brown, W. G., B.Sc. ... ..	II. 1926
See Blakeway, Janet M.		Browne, Ena, B.A. ... ..	II. 1928
Bowker, Hilda M., B.Sc. ... ..	II. 1925	Browning, Mrs. Robert	
*Bowman, Florence L. ... ..	I. 1911	See Weiss, Elizabeth G.	
(Somerville College, Oxford)		Bruce, Isabella G., B.A. ... ..	II. 1933
*Bowman, Margaret E. ... ..	II. (1) 1915	Bruckshaw, Agnes E., B.A. ... ..	II. 1923
(Girton College, Cambridge)		Brunskill, Lizzie, B.A. ... ..	II. (1) 1915
Bowness, Nora, B.Sc. ... ..	II. 1931	Brunton, Florence, B.A. ... ..	II. 1929
Bowtell, T. H., M.A. ... ..	II. 1902	Bryson, Mrs. Robert	
Boyd, Ethel D., B.A. ... ..	II. 1926	See Allard, Gwendoline	
Boyer, Thomas, B.Sc. ... ..	II. 1925	Buckley, Annie, B.A. ... ..	II. 1926
*Bracewell, C. C., B.A. ... ..	II. (1) 1922	*Buckley, Annie L., B.A. ... ..	II. (2) 1918
Bradbury, Dorothy, B.Sc. ... ..	II. 1926	Buckley, Joan, B.Sc. ... ..	II. 1927
Bradbury, Frank, B.A. ... ..	II. (2) 1921	Bufey, Grace E., B.A. ... ..	II. 1927

\* Secondary Branch.

† Distinction.

‡ Continuation School Branch.



## TEACHER'S DIPLOMA—continued

Date of  
Diploma

Bullock, Amy, B.A. (Mrs. G. L. Stringer)	II	1925
Bullough, Geoffrey, B.A.	I	1923
Bullough, Phyllis J., B.Sc.	II	1929
Bunting, Ethel, B.Sc. (Mrs. Robinson)	II	1924
Bunting, Hilta M., B.A. (Mrs. M. Shepherd)	II	1923
Burgess, Fred, B.Sc.	II	1928
Burke, Frank, B.Sc.	II	1924
†Burke, Laura, M.A. (R.U.I.)	I	1907
Burnet, Mrs. J. H. See Bentley, Mary		
Burrell, W. W., B.Sc.	II	1910
*Burrows, Gladys M., B.Sc.	II	1920
Burton, Frank, B.A.	II	1933
Burton, Olive M., B.A. (Mrs L. M. Webb)		1919
Bury, F. N. V., B.Sc.	II	1915
Bury, J. H., B.A.	II	1913
Bushnell, E. L., B.Sc.	II	1929
Butler, Frank, B.Sc.	II	1923
Butler, Mrs. Frank. See Coxon, Katie L.		
*Byrne, Alice M. P., B.A.	II	1911
Byrne, T. W., B.A.	II	1928
*Byrom, William, B.A.	II	(2) 1914
Cadman, A. J., B.Sc.	II	1932
Caum, W. A., B.A.	II	1929
Campbell, Mrs. A. C. See Ormerod, Elizabeth		
Campbell, Evelyn M., B.A.	II	(2) 1926
Campbell, Jeanie, M.A.	II	1929
Campbell, R. J., B.A.	II	(2) 1914
Cane, W. A., B.A.	II	1923
Cannell, Norman, B.Sc.	II	1921
Cant, Mrs. F. V. See Cooper, Gladys M.		
Cardill, Eleanor L., B.A.	II	1929
Caro, W. A., B.Sc.	II	1928
Carr, Mrs. C. T. See Roscoe, Marian F. H.		
*Carr, Hilda, B.A. (Mrs A. G. Walker)	I	1915
Carr, N. H., B.Sc.	II	1925
Carr, W. E., B.Sc.	II	1929
Carruthers, Bertha H., B.Sc.	II	1932
Carruthers, Joseph, B.A.	II	1930
†Carter, Nellie, B.A.	II	(2) 1922
†Carter, Norah, B.A.	II	(r) 1922
Carter, Norah C., M.A.	II	1927
Cartwright, Edna, B.A.	II	1931
Carty, Doreen, B.A.	II	1929
Casasola, Elizabeth M., B.Sc.	II	1926
Casey, E. V., M.Sc.	II	1932
Casey, Emily M., B.Sc.	II	1920
Castle, Doris C., B.Sc.	I	1933
Catterall, J. H., B.A.	II	1906
Causser, Marjory, B.Sc.	II	1933
Cawley, Mary, B.Sc. (Mrs. R. E. C. Thomas)	II	1926
Chadwick, Isabel E., B.Sc.	II	1929
*Chadwick, Mary E., B.A. (Mrs. Taberner)	II	1913
*Chaffer, Isabel, B.A.	II	(2) 1921
Challiner, Marjorie E., B.A.	II	1932
Chambers, Doris, E., B.Sc.	II	1930
Chambers, Mary E., B.A. (Mrs. T. T. Sandison)	II	1923
Champion, G. H. J., B.A.	II	1931
Champruss, Gladys M., B.Sc.	II	1931
Champruss, Kathleen S., B.A.	II	1932
Channell, Dorothy, B.A.	II	1925
Chantler, Percy, B.A.	II	1923

Date of  
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Chantler, Winifred, B.Sc.	II	1923
Chaplow, J. R., B.A.	II	1925
Chapman, H. C., B.A.	II	1925
Chapman, O. H., B.A.	II	1929
Chapman, Thomas, B.A.	II	1928
Chapman, T. W., M.Sc.	II	1898
Chapman, W. C., B.A.	I	1933
Charlesworth, Ruth, B.Sc.	I	1929
Charlton, E. J., M.Sc.	II	1909
Charnley, Joseph, B.A.	II	1909
Chatterton, Bessie, B.Sc.	I	1926
Chatterton, Roland, B.Sc.	II	1930
Checkley, Harry, B.A.	II	1923
Cherry, John, B.A.	II	1928
Chester, Dorothy M., B.A.	II	1919
*Chew, Doris N., B.A.	II	1919
Child, Myrtle, M.A.	I	1918
Chisholm, Alice T., B.A.	II	1902
Chorley, Marian G., B.A.	II	1933
Clark, Margery, B.Sc.	II	1933
*Clark, Mary G., B.A.	II	(r) 1922
Clarke, Grace E., B.A.	II	1923
Clarke, Grace L., B.Sc.	II	1929
Clarke, Hebe, B.A.	II	(2) 1915
Clarke, Kathleen, B.A.	II	1924
Clarke, William, B.A.	II	1933
†Clarkson, C. E., B.Sc.	II	(r) 1921
†Clarkson, Elsie, B.A.	II	(r) 1921
†Clarkson, Jessie D., M.A. (Mrs. A. R. Skemp)		1905
Clayton, J. A., B.Sc.	II	1912
Clayton, Mary, M.A. (Mrs. Ernest Dean)	I	1909
Cleaton, J. C., B.A.	II	(r) 1916
*Clegg, Kathleen, B.Sc.	II	(r) 1914
Clements, Mrs. L. See Mantion, Buma		
Clewes, Maggie, B.A.	I	1929
Clift, Dorothy A., B.A. (Mrs A. G. Pomeroy)	II	(2) 1916
*Clift, Annie L., B.A.	II	(r) 1916
Clift, Mabel L., B.A.	II	1924
Clitheroe, Amy, B.A.	II	1923
Clitheroe, Marjorie, B.A. (Mrs. J. F. Lockwood)	II	1927
Clough, Eva, B.Sc. (Mrs Stewart)	II	(r) 1915
Clough, Margaret, B.A.	II	1925
Coan, Mary V., B.A.	II	1926
Cock, Ellen, B.Sc.	II	1928
Cockran, Ellis, B.Sc.	II	1920
Cockcroft, Margery G., B.A.	II	1933
*Cocksutt, J. A., M.Sc.	II	1912
*Coignon, Caroline, M.A. (T.C.D.)	II	1901
Colclough, T. F., M.Sc.	II	1907
Cole, Ruth, B.A.	I	1916
Collett, Mrs. G. A. See Broughton, Dorothy		
Collingwood, Barbara L., B.Sc.	II	1926
Collins, Mrs. R. See Fairhurst, Rhoda		
Collinson, Harold, B.Sc.	II	1925
Collinson, Katherine M., B.A.	II	1933
Compton, Olive, B.A.	II	1927
Conditte, Edith A., B.A. (Mrs Ing)	II	1924
*Condliffe, G. E., B.Sc.	II	(r) 1914
*Connor, Beatrice H. (Mrs. Reichel)	II	(r) 1922
Constantin, Mrs. E. See Adams, Violet D.		
Cook, F. S., B.A.	II	(r) 1915
Cook, K. B., B.Sc.	II	1932
Cooke, Annie F., B.A.	II	1930
Cooke, Esme S., B.A.	II	1912

\* Secondary Branch.

† Distinction

‡ Continuation School Branch

## TEACHER'S DIPLOMA—continued.

	Date of Diploma
*Cooke, Martha E., B.Sc. ... .. II. 1911	
Coombs, Edith A., B.Sc. ... .. II. 1929	
Cooper, Elizabeth M., B.Sc. ... .. II. 1932	
Cooper, Evelyn M., B.Sc. ... .. II. 1926	
Cooper, Mrs. F. B.	
See Gregory, Lillie	
Cooper, Gladys M., B.A.	
(Mrs. F. V. Cant) I. 1917	
Cooper, Mary, B.Litt. (Durham)... II. 1908	
Cooper, Ruth C., B.A.	
(Mrs. E. S. Littlejohn) II. (1) 1917	
Cope, N. A., B.A. ... .. II. 1933	
Corlett, E. W., B.Sc. ... .. I. 1923	
Cornelius, Edna, B.A. ... .. II. 1927	
Cottam, Emily, B.A. ... .. II. 1923	
Cottrell, Rhoda, B.A. ... .. II. 1911	
Cottrill, E. G., B.Sc. ... .. II. 1927	
Coulthurst, Gladys, B.A. ... .. II. 1926	
Coutts, Mrs. See Lee, Bessie	
Cowan, Lulie B., B.A. ... .. II. 1932	
Cowan, Maureen B., B.A. ... .. II. 1927	
Cowley, Mrs. D. H.	
See Nutter, Freda	
Coxon, Katie L., B.Sc.	
(Mrs. Frank Butler) II. 1924	
Crabtree, H. S., B.Sc.Tech. ... .. II. 1927	
Criggs, Sallie, B.A.	
(Mrs. J. T. Hilton) II. 1929	
*Crane, Rose, B.Sc. ... .. I. 1921	
*Craig, Robina Y., B.A. ... .. II. 1911	
*Crankschaw, Elizabeth M.	
(Newnham College, Cambridge) II. (1) 1916	
Craven, F. H., M.A. ... .. II. 1909	
Crawford, Harold, B.Com. ... .. II. 1924	
Crawshaw, Annie, B.Sc. ... .. 1904	
Crawshaw, Jenny, B.Sc. ... .. II. 1930	
Crawshaw, Kate, B.A. ... .. 1902	
Crawshaw, Margaret, B.A. ... .. 1903	
Cressy, Eileen M., B.Sc. ... .. II. 1928	
Crewc, Margery, B.A.	
(Mrs. A. Moodie) II. (1) 1916	
Crichton, Mrs. See Ainslie, Hester W.	
Critchlow, John, B.Sc. ... .. II. 1932	
Crompton, Elsie M., B.A.	
(Mrs. Eastwood) II. (1) 1916	
Cropper, Edmund, B.Sc. ... .. II. 1928	
Cropper, Jennie H., B.Sc.	
(Mrs. Marsden) II. (2) 1918	
Cropper, Nellie, B.Sc.	
(Mrs. I. M. Hughes) II. 1927	
Crossley, Annie, B.A. ... .. II. 1926	
Crossley, Hettie H., B.A. ... .. II. (2) 1916	
Crossley, T. A., B.A. ... .. II. 1923	
Crowther, K. A., B.Sc. ... .. II. 1932	
Cullen, Mildred M., B.A. ... .. II. 1931	
Cummings, R. G., B.A. ... .. II. 1933	
Cunliffe, Helen, B.A. ... .. 1905	
Cunningham, Jean O., B.Sc. ... .. 1904	
Currie, Mrs. See Bean, Ellen M.	
Curtin, Sylvia S., B.A. ... .. II. 1926	
Curtis, Margery, B.A. ... .. II. 1928	
Curzon, Thomas, M.Sc. ... .. I. 1919	
Dack, Isabel, B.A.	
(Mrs. R. Atterton) II. 1925	
*Dagutski, Harry, B.A. (Oxford)	
(now H. Duguid) II. 1911	
Dalby, Hilda F., B.A. ... .. II. 1926	
*Dallimore, Jane, B.A. ... .. II. (1) 1921	
*Daly, J. H., B.Sc. ... .. II. (1) 1922	
Daniel, Elizabeth, B.A. ... .. II. (2) 1916	
Daniels, Nina, B.A. ... .. I. 1929	
Darbyshire, Wilfred, B.Sc. ... .. II. 1933	
Darlington, C. R., B.Sc. ... .. II. 1932	

	Date of Diploma
*Darwin, George, B.Sc. ... .. II. (1) 1916	
Davenport, Mrs. E. N.	
See Barber, Mabel M.	
Davenport, James, B.Sc. ... .. II. 1930	
Davenport, Mary I., B.A. ... .. II. 1933	
Davies, Mrs. D. J. See Worrall, Bessie	
Davies, Doris, B.A. ... .. II. 1928	
Davies, Dorothy L., B.A. ... .. I. 1916	
Davies, Mona K., B.Sc. ... .. II. 1924	
Davies, W. E., B.Sc. ... .. II. 1925	
Davies, Mrs. W. E.	
See Shorrocks, Beatrice	
*Davies-Colley, Mabel N.	
(French Hons. Oxford) 1920	
*Davis, Jessie S., B.A.	
(Mrs. I. L. Kandel) II. (1) 1915	
Davison, Frederick, B.A. ... .. II. 1930	
Dawson, Frances, B.A. ... .. II. (2) 1922	
Dawson, W. E., B.Sc. ... .. II. 1930	
Day, Kathleen A. E., B.A. ... .. II. 1929	
Deakin, Mary St. F., B.Sc. ... .. II. 1932	
Dean, Mrs. Ernest. See Clayton, Mary	
Dean, Frank, B.Sc. ... .. II. 1931	
Dean, Mary D., B.A. ... .. II. 1932	
Dean, Winifred M., B.A. ... .. II. 1930	
Denard, Evelyn, B.A. ... .. II. 1933	
Denning, J. R., B.A. ... .. II. 1932	
Dent, Hilda M., B.A. ... .. II. 1931	
Dent, J. G., B.Sc. ... .. II. 1931	
Dewhurst, Phyllis, B.A. ... .. II. 1929	
Dickinson, Colin, B.Sc. ... .. II. 1932	
Dickinson, Winifred, B.Sc. ... .. II. 1926	
Diggle, Mrs. H. F. See Jackson, Mary C.	
Dinnis, Marjorie, B.A.	
(Mrs. Bradley) II. 1926	
Dives, Marjorie, B.A. ... .. II. 1926	
*Dix, Edith M., B.A. ... .. II. 1928	
Dixon, F. S., B.A. ... .. II. (2) 1922	
Dobson, Catherine M. J. A., B.A.	
(Mrs. F. J. Wagener) II. 1923	
*Dobson, Jessie, B.A. ... .. II. 1928	
Dobson, Martha H., B.A. ... .. II. (1) 1918	
Dodd, Raymond, B.A. ... .. II. 1928	
Dodge, Eva, M.A. ... .. 1903	
*Douglass, Arthur, B.Sc. ... .. II. 1913	
Downham, W. C., B.Sc. ... .. II. 1933	
Doyle, James, B.Sc. ... .. II. 1928	
Drury, J. H., B.A. ... .. II. 1932	
Duckworth, Marion, B.A. ... .. II. 1927	
Duddle, C. L., B.Sc. ... .. II. 1927	
Duffy, Annie, B.A. ... .. II. 1924	
Duffy, John, B.A. ... .. II. 1927	
*Duffy, Kate, M.Sc.	
(Mrs. W. F. Harvey) II. 1912	
*Duguid, Gladys, B.A.	
(Mrs. H. H. Hilton) II. (1) 1921	
Duguid, H. See Dagutski, H.	
Duke, Lillie, B.Sc. ... .. II. (1) 1918	
Duncan, Doris M., B.Sc. ... .. II. (2) 1921	
Duncan, Sophie R., B.A. ... .. II. 1924	
Dungan, Mrs. E. A. See Watts, Ethel A.	
Dutton, Rita H., B.Sc. ... .. II. 1923	
Duxbury, Alice, B.A. ... .. II. 1930	
Duxbury, Hilda, B.Sc. ... .. II. 1930	
Duxbury, Margaret, B.Sc.	
(Mrs. Pilling) II. 1925	
Dwyer, Mary J., B.A. ... .. II. 1928	
*Dymond, J. A. G., B.A. (London) II. 1914	
Dymond, Mrs. J. A. G. See Nixon, Elsie	
Earl, F. J. G., B.Sc. ... .. II. 1929	
Earlam, Marjorie, B.A. ... .. II. 1930	
Easey, H. E., B.Sc. ... .. II. 1924	
Eastwood, Alice L., B.A. ... .. II. (2) 1916	

## TEACHER'S DIPLOMA—continued.

	Date of Diploma		Date of Diploma
Eastwood, Eric, M.Sc. ... ..	II. 1933	Fawthrop, Margaret R., B.Sc. ... ..	II. 1933
Eastwood, Ethel M., B.Sc. ... ..	II. 1929	*Fazackerley, T. S., B.Sc. ... ..	I. 1922
Eastwood, Hilda M., B.A. ... ..	II. 1931	Fearnley, Elsie, B.A. ... ..	II. 1924
Eastwood, Mrs. See Crompton, Elsie M.		Felton, Audrey, B.Sc. ... ..	II. 1927
Eaves, C. W., B.Sc. ... ..	II. 1931	Fernhough, Clifford, B.A. ... ..	II. (1) 1921
Eckersley, C. E., B.A. ... ..	I. 1916	Fernhough, W. M., B.Sc. ... ..	II. (1) 1915
Eckersley, George, B.A. ... ..	II. 1924	Ferris, Olive A. M., B.A. ... ..	II. 1931
Eckersley, Ida M., B.Sc. ... ..		*Fidler, Sarah, B.A. (Mrs. W. Hannah)	1920
(Mrs. Littler) II. 1912		Field, Eve G., B.Sc. ... ..	II. 1925
Eckersley, Stanley, B.A. ... ..	II. 1926	Finch, Eliza, B.Sc. ... ..	II. (2) 1921
Ecroyd, Eveline M., B.Sc. ... ..		Finch, F. L., B.Sc. ... ..	II. 1929
(Mrs. George Tattersall) II. 1926		Finch, Mary, B.Sc. ... ..	II. 1912
Edees, E. S., B.A. ... ..	II. 1930	Findler, C. B., B.Sc. ... ..	II. 1926
*Edwards, Edith M., B.Sc. (Wales) II. 1912		Finney, Jack, B.Sc. ... ..	II. 1930
Edwards, J. A., B.A. ... ..	II. 1931	Firth, Elsie M., B.Sc. ... ..	
Edwards, Mary E. I., B.A. ... ..	1920	(Mrs. William Taylor) I. 1928	
Egeiton, Janet D., B.A. ... ..	II. 1924	*Fisher, Constance M., B.A. ... ..	1919
*Egill, Minnie, B.Sc. (Mrs. E. J. Moore) ..	1920	Fishwick, John, B.Sc. ... ..	II. 1927
*Eker, S. J., B.A. ... ..	1919	Fletcher, Marian R., B.Sc. ... ..	II. (1) 1916
Eley, H. L., B.Sc. ... ..	II. 1933	*Fletcher, Ruth M. ... ..	
Ellenbaum, Arthur, B.A. ... ..	II. 1912	(Somerville College, Oxford) II. 1911	
Ellerington, A. H., B.A. ... ..	II. 1924	Fletcher, Mrs. See Pickles, Ina	
Elliot, J. K., B.Sc. ... ..	I. 1928	Flint, R. J., B.Sc. ... ..	II. 1932
Elliot, C. B., B.A. ... ..	II. 1932	Fogg, Geoffrey, B.A. ... ..	II. 1929
Elliot, Ethel M. L., B.A. ... ..	1905	Folkard, Muriel B., B.A. ... ..	1904
Elliot, Joan, B.A. ... ..	I. 1927	Forrester, Mrs. See Williamson, Lillian	
Elliot, Lucy, B.A. ... ..	1920	Fortune, Mabel, B.A. ... ..	
Elliot, Mabel A., M.A. ... ..	1901	(Mrs. E. T. A. Stedford) 1919	
*Ellis, Annie		Foster, Elsie, B.A. ... ..	II. (2) 1917
(Girton College, Cambridge) I. 1915		Foster, Eva M., B.A. ... ..	II. 1926
Ellis, C. G., B.Sc. ... ..	II. 1923	Foster, Freda, B.Sc. ... ..	II. 1930
Ellis, H. V., B.Sc. ... ..	II. 1932	Foster, F. W., B.A. ... ..	II. 1931
Ellis, Mary A., B.A. ... ..	II. (1) 1915	Foster, Muriel I., B.A. ... ..	II. 1929
Ellis, Sarah, B.Sc. ... ..	II. (1) 1922	Foster, Norah, B.A. ... ..	II. 1924
Ellscher, M. H., B.A. (Cambridge) II. 1908		Foster, Ruth, B.A. ... ..	II. 1923
*Elstob, Wilfrith, B.A. ... ..	II. 1910	Fothergill, Fred, B.Sc. ... ..	I. 1928
Emmerson, Gladys M., B.A. ... ..	II. 1911	Fothergill, Louisa, B.Sc. ... ..	II. 1928
Emmett, Mary E., B.A. ... ..	II. 1913	Fowles, John, B.Sc. ... ..	II. 1927
Emson, Mrs. See Winstanley, Gertrude		Fox, Edna A., B.A. ... ..	II. 1927
Enke, Mrs. See Lejeune, Marion		Fox, J. R., B.A. ... ..	II. 1925
Eva, Mrs. S. H. See Sandiford, Mary		Foy, Margaret, B.A. ... ..	II. 1925
Evans, Alwen M., B.Sc. ... ..	II. (1) 1917	Frame, T. R., B.A. ... ..	II. 1929
Evans, Edith M., B.A. ... ..	II. 1931	France, Albert, B.Sc. ... ..	II. 1927
Evans, Grace M., B.A. ... ..	II. 1927	Franko, Joan, B.Sc. ... ..	
*Evans, Gwen		(Mrs. G. V. Whittenbury) II. 1931	
(Somerville College, Oxford) II. (1) 1915		Frith, F. S., B.Sc. ... ..	II. 1933
Evans, Gwladys, M.A. ... ..		Fry, Mrs. E. H. See Weston, Lillie	
(Mrs. W. A. Powicke) II. 1907		Fuller, Dorothy, B.Sc. ... ..	II. 1927
Evans, Susannah, B.A. ... ..	1903	Furlong, Norman, B.A. ... ..	II. 1929
Evans, S. W., B.Sc. ... ..	II. 1924	Furlong, Mrs. Norman	
Evans, T. H. A., B.A. ... ..	I. 1928	See Holroyd, Agnes	
Evans, Mrs. See Ridyard, Bertha		Gandine-Stanton, Dorothy A., B.Sc.	
*Ewing, A. W. G., M.A. ... ..	I. 1921	II. (2) 1922	
Ewing, Jean C., M.A. ... ..	II. 1929	*Gardner, Evelyn, B.A. ... ..	II. 1913
Exton, R. G., B.Sc. ... ..	II. 1927	*Garnett, Charles, B.A. ... ..	1920
Eyre, A. R., B.A. ... ..	II. 1926	Garnett, Gilbert, B.Sc. ... ..	II. 1931
		Garnett, J. H., M.Sc. ... ..	II. 1906
Fairhurst, John, B.Sc. ... ..	II. 1933	Garthwaite, Wilfred, B.Sc. ... ..	II. 1931
Fairhurst, Rhoda, B.A. ... ..		Gartside, Winifred, B.Sc. ... ..	II. 1923
(Mrs. R. Collins) II. 1910		Gaskell, Helen M., B.Sc. ... ..	II. 1924
*Fairley, Duncan, B.A. (Leeds) ... ..	II. 1912	Gaskins, Emily M., B.A. ... ..	II. 1930
Fallowfield, Honoria C., B.A. ... ..	II. 1912	Gaulter, L. V., B.Sc. ... ..	II. 1931
Faraday, Lucy W., M.A. ... ..	1903	Gawthrop, Vera, B.A. ... ..	II. 1926
Farber, Miriam, B.Sc. ... ..	II. 1933	Gee, Edith E., B.A. ... ..	II. (1) 1917
Farnworth, Ellen, B.Sc. ... ..	II. 1931	George, R. L., M.A. ... ..	II. 1914
Farquharson, Mrs. D. J. ... ..		Gerrard, Peter, B.Sc. ... ..	II. (1) 1914
See Wnght, Hilda M.		Gibson, R. E., B.A. ... ..	II. (2) 1914
Farrar, Elsie, B.A. ... ..	I. 1933	Gifford, P. H., B.Sc. ... ..	II. 1913
Farrow, Betsy, B.A. (Mrs. Sykes) II (1) 1917		*Gilbert, L. H., B.A. ... ..	I. 1914
Farrow, Maud, B.A. ... ..	II. (1) 1915	Gilbraith, Kenneth, B.Sc. ... ..	II. 1926
Faulkner, W. T., B.A. ... ..	II. 1933	Gill, Austin, B.A. ... ..	I. 1929

\* Secondary Branch.

‡ Continuation School Branch.

§ Awarded V.C. for heroic defence of Manchester Hill, March 21st, 1918; D.S.O.; M.C.

## TEACHER'S DIPLOMA--continued.

	Date of Diploma
Gill, Sydney, B.Sc. ... ..	II. 1927
Gillin, Phyllis, B.A. ... ..	II. 1929
Gillmour, Gladys, B.A. ... ..	II. 1924
Glassey, William, B.A. ... ..	II. 1932
Gleaves, Edward, B.Sc. ... ..	I. 1914
Glen, Enid I., B.A. ... ..	II. 1924
*Glover, Hilda M., B.Sc. ... ..	II. (2) 1922
Godson, Katherine H. (Mrs. G. R. Palmer)	
(Girton College, Cambridge)	1903
Goff, Mrs. N. T. See Watson, Doris	
Golding, Monica J., B.Sc. ... ..	II. 1925
Goldstraw, Harry, B.A. ... ..	II. 1929
*Goodall, Ernest, B.Sc. ... ..	II. (2) 1921
Goodall, Florence R., B.A. ... ..	II. 1925
Goodall, George, B.A. ... ..	II. 1923
*Goodier, Ethel, B.Sc. ... ..	II. (2) 1922
Goodison, Constance M., B.A. ... ..	II. (1) 1917
Goodreid, Dorothy, B.A. ... ..	II. 1930
Goodwin, Cathleen M., B.A. (Mrs. Wolstenholme)	II. 1926
Goodwin, May E., B.Sc. ... ..	I. 1929
Goom, Wilfred, B.Sc. ... ..	II. 1927
Gordon, Thelma, B.Sc. ... ..	II. 1932
Gorst, Annie, B.A. (Mrs. Taylor)	II. 1926
Gorst, B. J., B.Sc. ... ..	II. 1931
Gorst, Isabel G., B.A. ... ..	1901
Goudie, Christina, B.A. ... ..	II. 1926
Goudie, Grace, M.A. (Mrs. Ramsbottom)	II. 1909
Gowanlock, Reginald, B.A. ... ..	II. 1927
Gower-Jones, Pauline L., B.A. (Mrs. J. E. Merrett)	II. 1930
Graham, E. H., B.A. ... ..	II. 1928
Graham, Mrs. See Penney, Elizabeth	
Grant, Florence S., B.Sc. (Mrs. Grimshaw)	II. (1) 1915
Gray, William, B.Sc. ... ..	II. 1928
*Greaves, Dorothy, M.A. ... ..	II. 1912
Greaves, G. W., B.Sc. ... ..	II. 1923
Greaves, Mary H., B.A. ... ..	1902
Green, Annie O., B.Sc. ... ..	II. 1927
Green, Frank, B.Sc. ... ..	II. 1932
Green, Harold, B.A. ... ..	I. 1907
Green, Lucy M., B.A. ... ..	II. 1930
Green, Mrs. See Johnston, Adeliza N	
Greenhalgh, Bertha, B.A. ... ..	II. 1928
Greenough, Albert, B.Sc. ... ..	I. 1925
Greenwood, Edith, B.A. ... ..	II. 1929
Greenwood, Gertrude K., B.A. ... ..	II. (2) 1916
Gregory, Alts, L., B.A. ... ..	II. 1926
Gregory, Lillie, B.A. (Mrs. F. B. Cooper)	II. 1924
*Gregory, M.V., B.A. ... ..	II. (2) 1921
Gregory, Ruth A., B.A. ... ..	II. 1929
Gregory, Mrs. S. O. See Priestley, Dorothy	
†Gregory, W. M., B.Sc. ... ..	I. 1912
*Grice, Eva, B.A. (Mrs. R. A. West)	II. (1) 1922
Grimths, Mary, B.A. ... ..	II. 1933
Grimie, Harry, M.Sc. ... ..	II. 1932
*Grime, Kate, B.A. ... ..	II. (1) 1921
Grimshaw, H. S., B.A. ... ..	1915
Grimshaw, Mrs. See Grant, Florence S.	
Grindrod, Hilda, B.A. ... ..	II. 1927
Grocott, J. G. S., B.Sc. ... ..	II. 1923
*Grosskopf, Gladys E., B.A. ... ..	II. (2) 1914
Grundy, John, B.A. ... ..	II. 1926
Grundy, S. J., B.Sc. ... ..	II. 1930
Grundy, W. H. R., B.A. ... ..	1918

	Date of Diploma
Guest, E. D., B.A. ... ..	II. 1901
Hacking, Margaret A., B.A. (Mrs. Howard Banks)	1900
*Haddock, Violet W., B.A. ... ..	II. (1) 1922
Hadfield, Mary, B.Sc. ... ..	II. 1931
*Haigh, Dorothy, B.A. ... ..	1920
Hale, Gladys, B.A. ... ..	II. (2) 1921
Hall, Edna, B.A. (Mrs. H. Hopkinson)	II. 1925
Hall, Leonard, B.Sc. ... ..	II. 1931
Hall, Margaret A., B.A. ... ..	II. 1915
Hall, Mary E., M.A. ... ..	1905
Hall, Sylvia, B.A. ... ..	II. 1933
Hallam, Winifred, B.A. ... ..	II. 1924
Hallas, Mary, B.A. ... ..	II. (1) 1916
Halliwell, Thomas, B.A. ... ..	I. 1924
Hallows, Dorothy, B.A. ... ..	II. 1929
Hallows, Hilda M., B.A. ... ..	II. 1926
Hamer, G. S., B.Sc. ... ..	II. 1927
Hampson, Dorothy M., B.A. (Mrs. E. B. Jackson)	1919
*Hancock, Hilda, B.Sc. ... ..	I. 1914
Hancock, S. T. R., B.Sc. ... ..	II. 1930
Hand, Edith, M., B.Sc. (Mrs. Marks)	II. 1923
*Hand, Winifred E., B.A. ... ..	II. (2) 1922
Hanna, Norah, M.A. ... ..	II. 1909
Hannah, Mrs. J. D. See Arthur, Esther M	
Hannah, Mrs. W. See Fidler, Sarah	
Hansell, Angus, M.A. ... ..	I. 1927
Happold, Mrs. F. C. See Smith, Annie M. M.	
Hardaker, Dorothy, B.A. (Mrs. Rayner)	II. (1) 1917
*†Hardie, Violet H., B.Sc. ... ..	I. 1909
Harding, Annie K., B.Sc. ... ..	II. 1924
Harding, Fred, B.Sc. ... ..	II. 1932
Hardisty, Mrs. W. H. See Woodcock, Ada W.	
Hardisty, Mrs. W. H. See Jones, Dorothy H.	
Hardman, Edith, B.A. ... ..	II. 1926
Hardman, Herbert, B.Sc. ... ..	II. 1924
Hardy, W. P., B.Sc. ... ..	II. 1933
Harger, Margaret I., B.A. ... ..	II. 1930
Hargreaves, Dorothy E., B.A. (Mrs. L. C. Hargreaves)	II. 1928
*Hargreaves, Edith, B.A. ... ..	I. 1916
Hargreaves, Mrs. Fred. See Robinson, Mary	
Hargreaves, L. C., B.Sc. ... ..	II. 1928
Hargreaves, Mrs. L. C. See Hargreaves, Dorothy E.	
Hargreaves, Lucy E., B.Sc. ... ..	II. 1926
Harker, F. D., B.A. ... ..	II. 1932
Harkness, David, B.Sc. ... ..	II. 1933
Harland, A. E., B.A. ... ..	II. 1932
Harley, Joan L., B.A. ... ..	I. 1933
*Harmar, R. A., B.A. ... ..	II. (2) 1914
Harris, Pauline C., B.A. ... ..	I. 1928
Harrison, Audrey, B.Sc. ... ..	II. 1925
Harrison, Mrs. A. See Stringer, Lena H	
Harrison, Dorothy M., B.A. ... ..	II. 1926
Harrison, Eva, B.A. ... ..	II. 1924
Harrison, Muriel, B.A. ... ..	II. 1924
Harrison, S. L., B.Sc. ... ..	II. 1933
Hart, Charles, B.A. ... ..	II. 1929
Hartley, A. M., B.A. ... ..	II. 1923

\* Secondary Branch.

† Distinction.

‡ Continuation School Branch.

## TEACHER'S DIPLOMA—continued.

	Date of Diploma		Date of Diploma
Hartley, Dorothy G. M., B.A. ... ..	II. 1932	Hill, Kathleen M., B.A. ... ..	II. 1925
Hartley, Eileen M., B.A. ... ..	II. 1931	Hill, Lena E., B.A. ... ..	II. 1925
Hartley, Harold, M.A. ... ..	1897	Hilton, Gertrude A., B.Sc. ... ..	II. 1926
*Hartley, Nora F., B.A. ... ..		Hilton, Mrs. H. H. See Duguid, Gladys	
(Mrs. H. S. Thomas) II. (1)	1916	Hilton, Mrs. J. T. See Craggs, Sallie	
Harvey, Amy C., B.A. ... ..	I. 1908	Hinchcliff, Francis J., B.A. ... ..	I. 1930
Harvey, Mrs. W. F. See Duffy, Kate		Hindes, Mrs. F. W.	
Harwood, H. C., B.A. ... ..	II. 1929	See Sanders, Alberta I.	
Haslam, Cecil, B.Sc. ... ..	II. 1929	Hindle, W. B., B.Sc. ... ..	II. 1930
Hassall, Marion, B.Sc. ... ..	II. 1927	Hindley, Ena, B.A. ... ..	II. 1930
Hasselgren, John, B.A. ... ..	II. 1933	Hindshaw, Dorothy, B.Sc. ... ..	II. 1930
Hawbridge, Marion, M.A. ... ..	1905	Hindson, Doris M., B.A. ... ..	II. 1923
Hawkesworth, Stanley, B.Sc. ... ..	II. 1932	*Hirst, Lilian C. V., B.Sc. ... ..	
*Hawkworth, Robert, B.Sc. ... ..	II. 1912	(Mrs. Charles Simpson) II. (2)	1922
Haworth, Frederic, M.Sc. ... ..	1895	Hurst, Miriam (Leeds) ... ..	1904
Haworth, F. W., B.Sc. ... ..	II. 1927	Hobart, J. W., B.Sc. ... ..	1897
Haworth, Margaret E., B.A. ... ..	II. 1927	Hobbs, L. J., B.A. ... ..	II. 1925
*Haworth, Mary, B.A. ... ..	II. (1) 1921	Hobson, Mary M., B.A. ... ..	II. 1929
Haxby, Constance, B.A. ... ..	II. 1932	Hockenhuil, Dorothy, B.A. ... ..	II. 1925
Hayes, J. C., B.Sc. ... ..	II. 1933	Hodgkin, Mrs. Mary C., B.Sc. ... ..	II. 1931
*Hayes, R. A., B.Sc. (Leeds) ... ..	II. 1913	Hodgson, Warriss, B.Sc. ... ..	II. 1930
Hayhurst, Florence		Hodkinson, Arthur, B.Sc. ... ..	II. 1924
(Mrs. H. J. Rossington) 1904		*Hodkinson, Benjamin, B.Sc. ... ..	II. (2) 1914
Haynes, Edgar, B.Sc. ... ..	II. 1931	Hodson, J. D., B.Sc. ... ..	II. 1927
Headley, H. B., B.Sc. ... ..	II. 1923	*Hoffert, Dorothy A.	
Heap, Mary, B.A. ... ..	II. 1925	(Girton College, Cambridge) I.	1914
Healsh, L. E., B.Sc. ... ..	II. 1929	Hoggins, Horace, B.Sc. ... ..	II. 1927
*Hedley, Jane E., B.Sc. ... ..	II. (2) 1914	Holderoft, G. J., B.A. ... ..	II. 1926
*Hedley, R. M., B.A. ... ..	II. (1) 1922	Holden, Beatrice A., B.A. ... ..	II. 1931
Hedley, W. C., B.A. ... ..	II. 1927	Holden, Beatrice M., B.A. ... ..	II. 1933
Hegan, Mrs. Denis.		Holehouse, C. G. E., B.A. ... ..	II. 1932
See Blainie, Winifred		Holgate, Florence M., B.Sc. ... ..	II. 1926
Helm, Margaret, B.A. ... ..	II. 1923	Holland, Millicent, B.A. ... ..	II. 1925
Henderson, Catherine H., B.A.		Hollings, Evangeline, B.A. ... ..	1905
(Mrs. W. L. Marsland) I.	1917	Hollis, Winifred, B.A. ... ..	II. 1930
Henderson, Mrs. John		Holme, Mary, B.A. ... ..	II. 1929
See Smith, Mary W.		Holme, Ursula, M.A. (Mrs. H. W. Jeans)	1897
Hendry, Mary R., M.A. ... ..	II. 1928	Holmes, Florence, B.A. ... ..	1931
Henstock, Eva G., B.Sc. ... ..	II. 1928	Holmes, Margaret J., B.A. ... ..	II. 1931
Henthorn, J. M., B.A. ... ..	II. 1930	Holmes, R. G. A., D.Sc. ... ..	II. 1924
*Henthorne, Emma, B.A. ... ..	II. (2) 1914	Holmes, William, B.Sc. ... ..	II. 1928
Hepplestone, Marian, B.A. ... ..	II. 1932	Holroyd, Agnes, B.A.	
Herford, Mrs. C.		(Mrs. Norman Furlong) II.	1929
See Regan, Margaret M.		Holt, Annie, B.A. ... ..	II. 1923
Hesketh, Emily, B.A.		Holt, Arthur, B.A. ... ..	II. 1928
(Mrs. Rawlinson) II.	1927	Hooper, E. T., B.A. ... ..	II. 1923
Hewison, Edna M., B.Sc. ... ..	II. 1925	Hopkinson, Mrs. H. See Hall, Edna	
Hewitt, Wesley, B.A. ... ..	II. 1928	Hopkinson, Jessie, B.Sc. ... ..	II. 1928
Hey, Donald, M.Sc. ... ..	II. 1933	*Hopley, Beatrice M.	
Hey, Frances S., B.Sc. ... ..	II. (1) 1914	(St. Hilda's Hall, Oxford) II. (1)	1918
Heyes, Elizabeth, B.Sc. ... ..	II. 1923	Hopwood, Evelyn M., B.A. ... ..	II. 1932
Heyes, Wallace, B.Sc. ... ..	II. 1926	Horman, Marcella M., B.A. ... ..	II. 1932
Heyhurst, Annie, M.Sc. ... ..	1905	Hornby, Clara, B.Sc. ... ..	1919
Heywood, Edna, B.Sc. ... ..	II. 1931	Hornor, Bertha, B.A. ... ..	II. 1924
Hicks, Doris E., B.A. ... ..	II. 1924	*Horrobin, Sadie, B.Sc. ... ..	II. (1) 1921
Hicks, J. H., B.Sc. ... ..	II. 1932	Horrocks, Adelaide, M. A. ... ..	I. 1907
Higgin, Jane, B.A. ... ..	II. 1930	*Horrocks, Bessie, B.A. ... ..	II. (2) 1917
†Higgin, Reginald, B.Sc. ... ..	II. (1) 1922	†Horstall, Dorothy (Oxford)	
Higgin, Vida, B.A. ... ..	II. 1928	(Mrs. Skinner) 1905	
Higgins, Ethel G. T., B.A. ... ..	II. (2) 1917	Horsfall, Mary G., B.Sc. (London) I.	1906
Higham, Mrs. G. F.		Horton, E. S., B.A. ... ..	II. 1933
See Broadbent, Edith		Hotechin, Honor G., B.A. ... ..	II. 1930
†Higham, Joseph, B.Sc. ... ..	I. 1912	Houghton, Clara, B.Sc. ... ..	II. 1911
†Higham, Margaret A. J.		Houghton, Dorothy, B.A.	
(Hist. Trip. Camb.) 1920		(Mrs. G. A. Collett) II.	1924
Higham, Marion, B.Sc. ... ..	II. 1924	Housley, Alfred, B.Sc. ... ..	II. 1932
Higson, Fred, B.A. ... ..	I. 1933	Hovell, Mark, B.A. ... ..	II. 1910
Higson, Helen E., B.Sc. ... ..	II. 1933	Howard, Rebecca, B.A. ... ..	II. (2) 1915
Higson, Hilda, B.A. ... ..	II. 1928	Howarth, J. H., B.A. ... ..	II. (2) 1914
Hilditch, C. S. B.A. ... ..	II. 1928	*Howarth, Mary, B.A.	
Hiles, Isa L., M.Sc. ... ..	1904	(Mrs. Arthur Roberts) II. (1)	1921

\* Secondary Branch.

† Distinction.

‡ Continuation School Branch

## TEACHER'S DIPLOMA—continued.

	Date of Diploma
Howden, Mabel B.A. ... ..	II. 1928
Howie, D. S., B.A. ... ..	II. 1931
*Hoyle, Harold, B.A. (Leeds) ...	I. 1913
*Hudson, Dora M. (Somerville College, Oxford) I.	1916
*Hudson, Frances, B.A. (Liverpool)	II. 1913
Hudson, Mabel E., B.A. ... ..	II. 1929
Hughes, Ernest, B.Sc. ... ..	II. 1932
Hughes, G. W., B.Sc. ... ..	II. 1925
Hughes, Mrs. I. M. See Cropper, Nellie	
Hughes, P. W., B.Sc. ... ..	II. 1925
Hughes, Ruth M., B.A. ... ..	II. (1) 1916
Hughes, Mrs. See Penney, Mary	
Hullah, Stanley, B.Sc. ... ..	II. 1931
Hulme, Dorothy, B.A. ... ..	1919
Hulme, Ernest, B.A. ... ..	II. 1929
Hulme, Lillian, B.A. ... ..	II. 1932
Hulse, Evelyn, B.Sc. ... ..	
(Mrs. T. P. Spencer) II. (1)	1917
Humphreys-Edwards, Frances, B.A.	II. 1926
*Hunsworth, Ethel, B.A. ... ..	II. (1) 1922
Hunt, W. K., B.A. ... ..	II. 1923
*Hunter, May M., B.A. ... ..	II. (2) 1917
*Hurst, J. T., B.A. (London) ...	II. 1913
Hurst, W. T., B.A. ... ..	II. 1910
Hutchinson, Harriet, B.A. ... ..	II. 1928
Hutchinson, H. M., B.A. ... ..	II. 1925
†Hutton, Ellen M., B.A. ... ..	1905
Hyde, Florence, B.Sc. ... ..	I. 1924
Hyde, Sylvia H., B.A. ... ..	II. 1927
*Hyslop, Fred, B.A. ... ..	II. (2) 1922
Ince, Arthur, B.A. ... ..	II. 1926
Ineson, Kathleen G., B.A. ... ..	I. 1930
Ing, Mrs. See Condliffe, Edith A.	
Ingham, Arthur, B.A. ... ..	I. 1926
Ingham, Mrs. Arthur See Sherratt, Norah	
Ingham, A. A., B.Sc. ... ..	II. 1932
Ingham, C. H., B.A. ... ..	II. 1930
Ingham, G. W., B.A. ... ..	II. 1933
†Ingham, Kathleen A., B.Sc. ...	1920
Ingram, Doreen, B.A. ... ..	I. 1931
Ireland, Mary, B.A. ... ..	II. 1926
Ireland, Rachel, B.A. ... ..	II. 1924
Irving, George, B.A. ... ..	II. 1932
Isherwood, Cyril, B.Sc. ... ..	II. 1928
*†Jackson, Alice, B.A., (Mrs. Younie)	1916
Jackson, Deborah, B.Sc. ... ..	II. 1932
†Jackson, Ernest, M.A. ... ..	I. 1911
Jackson, E. B., B.A. ... ..	II. 1930
Jackson, Mrs. E. B. See Hampson, Dorothy M.	
Jackson, Mrs. G. B. See Anderton, Harriet A.	
*Jackson, H. H., B.Sc. ... ..	II. 1912
Jackson, H. P., M.Sc. ... ..	1898
*Jackson, Mabel A., B.Sc. ... ..	II. (2) 1918
Jackson, Mary C., B.A. ... ..	
(Mrs. H. F. Duggle) II.	1924
*Jackson, Muriel, B.Sc. ... ..	II. (2) 1922
Jackson, Sylvia, M.C., B.Sc. ...	I. 1931
Jackson, W. W., B.Sc. ... ..	II. 1929
Jackson, Mrs. See Yates, Doris E.	
Jacobs, Mrs. Cecil. See Jacobs, Judith	
*Jacobs, Judith, B.A. ... ..	
(Mrs. Cecil Jacobs) II. (1)	1916
Jagger, Gladys, B.A. (Mrs. Kenne)	1920
Jagger, Kathleen M., B.A. ... ..	II. 1933
*James, Edith, B.A. ... ..	II. (2) 1921
Jeans, Mrs. H. W. See Holme, Ursula	

	Date of Diploma
Jenkins, Marjorie E., B.A. ... ..	II. 1932
Jessop, E. E., B.Sc. ... ..	II. 1932
Joad, Mrs. C. E. M. See White, Mary I.	
Johnson, Beatrice E., B.Sc. ... ..	II. 1929
Johnson, B. M., B.A. ... ..	II. 1933
Johnson, Eileen M., B.Sc. ... ..	II. 1933
Johnson, Elizabeth H., B.A. ...	II. 1930
Johnson, Hilda G., B.A. ... ..	II. 1932
Johnson, Minnie, B.A. ... ..	II. 1924
Johnson, Mrs. See Brown, Ida M.	
Johnston, Adeliza N., M.A. (Mrs Green)	1900
Johnston, Ruth E., B.A. ... ..	II. 1933
Jollie, Katherine, M.A. ... ..	II. 1910
Jolly, Herbert, B.Sc. ... ..	II. (2) 1914
Jones, Alice M., B.A. (Mrs. W. B. Allcock) 1905	
Jones, A. L., B.A. ... ..	I. 1914
Jones, B. P., B.Sc. ... ..	I. 1923
Jones, Charles, B.Sc. ... ..	II. 1929
Jones, Doris M., B.A. ... ..	II. 1927
Jones, Doris M., B.A. ... ..	II. 1928
Jones, Dorothy H., B.A. (Mrs. W. H. Hardisty) 1905	
Jones, Gertrude H., M.A. ... ..	1903
Jones, Gladys, B.A. ... ..	1919
Jones, Mabel, B.A. (Mrs. W. A. Bradley) II. (1)	1917
Jones, Mabel, B.A. ... ..	II. 1924
*Jones, Marjorie P., B.A. ... ..	1920
Jones, Myfanwy, B.Sc. ... ..	II. 1929
Jones, Norah A., B.A. (Mrs. R. W. Briggs) II.	1925
Jones, W. C., B.Sc. ... ..	II. 1923
Kandel, I. L., M.A. ... ..	II. 1906
Kandel, Mrs. I. L. See Davis, Jessie S.	
Kay, Frank, B.A. ... ..	II. 1931
†Kay, Harold, B.A. ... ..	I. 1914
Kay, J. B., B.Sc. ... ..	II. 1911
Kay, R. S., B.A. ... ..	II. 1933
Kay, Mrs. W. W. See Ashton, Margaret M.	
Kaye, Harry, B.Sc. ... ..	II. 1930
Kaye, W. E., B.A. ... ..	II. (2) 1914
Keen, Doris, M., B.A. ... ..	II. 1925
Keenan, James, B.Sc. ... ..	II. 1932
Kellett, Mrs. See Laidler, Josephine	
Kelly, Mrs. Hubert, See Riley, Sheila	
Kelly, Kathleen, B.A. ... ..	II. 1931
Kelly, May, B.A., (Mrs. Mayers) ...	II. 1923
Kelly, S. H. L., B.Sc. ... ..	II. 1923
Kelly, Thomas, B.A. ... ..	II. 1931
Kelly, Mrs. T. See Winstanley, Edith	
Kendal, Doris M., B.Sc. ... ..	I. 1930
Kendall, Amelia R., B.Sc. ... ..	II. 1925
Kenne, Mrs. See Jagger, Gladys	
Kennedy, Winifride A., B.A. ...	II. 1932
Kent, Marjorie M., B.A. ... ..	II. 1932
Kenyon, Doris, B.Sc. ... ..	II. 1924
Kenyon, Nora, B.Sc. ... ..	II. 1923
Kerr, Mary J. P., B.A. ... ..	II. 1924
Kershaw, Freda, B.A. ... ..	II. 1929
Kershaw, J. W., B.Sc. ... ..	II. 1926
Killingbeck, Eric, B.Sc. ... ..	II. 1931
Kimsey, Evelyn M., B.A. ... ..	II. 1925
Kindberg, Doris E., B.A. ... ..	I. 1926
†King, Harry, B.Sc. ... ..	II. (1) 1922
Kinsey, W. W., B.A. ... ..	I. 1923
Kipling, Mrs. Arthur See Rainey, Amy	
*Kippax, James, B.Sc. ... ..	II. 1913
Kirkman, Ann, B.A. (Mrs. L. H. Oldfield) I.	1927

\* Secondary Branch.

† Distinction.

‡ Continuation School Branch.

## TEACHER'S DIPLOMA—continued.

	Date of Diploma		Date of Diploma
Kirkman, John, B.A. ....	II. 1929	Lindsay, Ada J., B.A. ....	II. 1931
Kirkpatrick, Donald, B.Sc. ....	II. 1923	Lindsay, J. E., B.A. ....	II. 1930
Kirkpatrick, Jessie, B.A. ....	II. 1926	Linford, Nora M., B.A. ....	II. 1925
Kirkup, Mary T., B.A. ....	II. 1927	Linforth, Edith M. F., B.A. (Mrs Rowe)	1914
Kitchen, Nellie, B.A. ....	II. 1931	Liugard, John, B.A. ....	I. 1933
Kitching, Lilian B., B.Sc. ....	II. 1928	Linton, Evelyn, B.A. ....	II. 1933
Knight, A. M., B.Sc. ....	II. 1928	Liptrot, Edith M., B.A. ....	II. 1928
Knight, Gertrude G., B.A. ....	II. 1931	Lishman, Mary B., B.A. ....	II. 1928
Knight, Mrs. See Wragg, Janet M.		Littlejohn, Mrs. E. S. ....	
Knott, C. W., M.Sc. ....	I. 1908	See Cooper, Ruth C.	
Knott, Mrs. See Paull, Margaret C.		Littler, Nellie, B.Sc. ....	II. 1927
* Knowles, Percy, B.Sc. ....	I. 1915	Littler, Mrs. See Eckersley, Ida M.	
		Livesey, Hilda, M.A. (Mrs. Bewley)	II. 1912
		Locker, Freda, B.A. ....	II. 1923
		Lockwood, Mrs. J. F. ....	
Laidler, Josephine, M.A. (Mrs. Kellett)	1905	See Clitheroe, Marjorie	
Lambley, Kathleen A. L., B.A. II. (2)	1915	Lodge, Alice, B.A. ....	II. 1930
Lancashire, Jessie, B.A. ....	II. 1924	* Lodge, Frances A., B.A. ....	II. (1) 1914
* Lancashire, Mabel, B.A. ....	II. (2) 1921	Lofthouse, Francis W., B.Sc. ....	II. 1926
Langin, G. E., B.Sc. ....	II. 1923	Lofthouse, Marion, B.A. ....	II. 1925
Law, Gertrude, B.Sc. ....		Lomas, Lucy M., M.A. ....	II. 1912
(Mrs. Geoffrey Bramall)	II. 1924	* Lomas, R. H., M.A. ....	II. 1913
Law, Sydney, B.Sc. ....	II. 1925	* Long, D. S., B.Sc. ....	II. 1920
Lawrence, E. H., M.A. ....	1904	Long, E. R., B.A. ....	II. 1932
Lawrence, Mrs. S. G. ....		Long, Mrs. J. B. See Marsden, Mary R.	
See Park, Margaret E.		Longworth, Maurice, B.Sc. ....	II. 1926
Lawson, Edith, B.A. ....	II. 1926	Lonsdale, F. E., B.A. ....	II. 1925
Lawson, Hilda F., B.Sc. ....	II. 1927	Lord, Cecil, B.A. ....	II. 1924
* Lawson, M. S., M.A., B.D. ....	I. 1912	Lord, Percy, B.Sc. ....	II. 1926
Laycock, Benjamin, B.Sc. ....	II. 1908	* Louch, Nora F., B.A. ....	II. (2) 1917
Laycock, Kenneth, B.Sc. ....	II. (1) 1921	Lowe, E. A., B.A. ....	II. 1929
Laytham, A. J., B.Sc. ....	II. 1932	Lowther, Harold, B.Sc. ....	II. 1931
* Lea, Doris M., B.Sc. ....	II. (1) 1917	Lucas, Alice, B.A. ....	II. 1930
Lea, Esther L., B.A. ....	II. 1930	Lucas, Joseph, B.A. ....	II. 1932
Lea, Fanny, B.Sc. ....	II. (1) 1916	Luckman, Frank, B.Sc. ....	II. 1925
Leach, Albert, M.A. ....	I. 1933	* Lumb, Lizzie, B.A. ....	II. 1904
Leah, Annie, B.Sc. ....	II. 1908	Lund, Jessie, B.A. ....	II. 1928
* Learmonth, Janie, B.A. ....		Lunn, John, B.A. ....	II. 1926
(Mrs. S. R. Winkworth)	II. (1) 1914	Lyman, A. R. B., B.A. ....	II. 1932
Lee, Arthur, B.A. ....	II. 1927	Lyon, Nancy I., B.Sc. ....	I. 1931
* Lee, Bessie, B.Sc. (Mrs. Courts)	II. (1) 1921	Lyons, Winifred M., B.Sc. ....	
Lee, Dora, B.A. ....	II. 1927	(Mrs. F. G. N. Polkinhorne)	II. 1929
Leece, W. A. G., B.Sc. ....	I. 1932		
Leech, Elsie, B.A. ....	II. 1931		
Leeming, Clarice C. R., B.A. ....	II. 1932		
* Leeming, Emily M., B.A. ....			
(Mrs. L. du G. Peach)	II. 1912	Macalister, Margaret W., B.A. ....	
Lees, Annie, B.A. ....	II. (1) 1915	(Mrs. Ballantyne)	II. 1910
Lees, George, B.Sc. ....	II. 1931	MacCarron, G. M., B.A. ....	II. 1931
Lees, Mildred W. M., B.A. ....	II. 1930	McCaw, L. S., B.A. ....	II. 1929
Lees, Mrs. See Speakman, Ethel.		McCracken, Kathleen M., B.Sc. ....	II. 1930
Lees, Mrs. See Watson, Alice M.		McCully, Mary W., B.A. ....	II. 1929
Lees, Frank, B.A. ....	II. 1923	McDermott, Alice, B.A. ....	II. 1925
Lees, L. A., B.A. ....	II. 1924	McDonald, Annie J., B.A. ....	II. 1905
Lees, R. E., B.A. ....	II. 1928	Macdonald, W. K., B.Sc. ....	II. (2) 1915
Leese, John, B.A. ....	II. 1925	McGlynn, T. W., B.A. ....	II. 1931
* Leicester, Dorothy, B.Sc. ....	1920	MacKay, Elizabeth R., B.A. ....	II. 1930
Lejeune, Marion (Newnham College, Camb.) (Mrs. Enke)	1905	McKechnie, Maggie, B.A. ....	II. 1923
		Macintosh, Elsie, B.Sc. ....	II. 1927
		McLachlan, Marion W., B.A. ....	
		(Mrs. N. P. Thompson)	II. 1931
Leon, Rachel, B.A. ....		McLaine, Helen M., B.A. ....	
(Mrs. G. R. Potter)	II. 1923		
Leonard, Constance A., B.A. ....	II. 1924	(Mrs. Walker)	II. 1909
Lester, Joseph, B.A. ....	II. 1933	MacLean, D. H., B.A. ....	II. 1924
Lever, John, B.A. ....	II. 1925	Maclean, Jeannie E., B.A. ....	II. 1929
Lever, Margaret, B.Sc. ....	II. 1926	* McLellan, Janet T., B.A. ....	II. (2) 1922
Lewis, Betty, B.A. ....	II. 1932	* Macpherson, Janet	
Lewis, D. R., B.Sc. ....	II. 1925	(Girton College, Cambridge)	II. (1) 1917
Lewis, J. W., B.Sc. ....	II. (2) 1915	Macpherson, Jean, B.A. ....	II. (1) 1914
* Lewis, Marjorie, B.A. ....	1919	* Macpherson, Mary B., B.A. ....	I. 1917
Lewney, G. G., B.Sc. ....	1920	Magee, John, B.Sc. ....	II. 1932
* Lightbown, Constance M., B.Sc. ....		Maines, Albert, B.Sc. ....	II. 1923
(Mrs. H. Baker)	II. (2) 1910	Mallison, J. C., B.A. ....	II. 1926
Lightfoot, J. W., B.A. ....	II. 1931	Maltby, S. E., M.A. ....	II. 1904
		Mann, G. T., B.Sc. ....	II. 1923

\* Secondary Branch.

† Distinction.

## TEACHER'S DIPLOMA—continued.

	Date of Diploma
Manning, F. J., B.Sc. ... ..	II. 1927
Manton, Emma, B.A. (Mrs. L. Clements)	II. (1) 1923
*Mark, H. T., M.A., B.Sc. ... ..	1897
*Marks, Lily, B.A. ... ..	II. (1) 1921
*Marks, Mrs. See Hand, Edith M.	
Marsden, Herbert, B.Sc. ... ..	II 1924
Marsden, Mary R., B.A. (Mrs. J. B. Long)	I 1928
Marsden, Mrs. See Cropper, Jennie H.	
*Marsh, J. T., B.Sc. ... ..	II. (1) 1922
Marsh, Mrs. T. See Walker, Cicely M. H.	
*Marshall, Agnes G. (Canib. Tripos) II. (2)	1922
Marshall, Frances M., B.Sc. ....	I. 1925
Marshall, F. W. D., M.Sc. ... ..	II. 1906
Marshall, John, B.Sc. ... ..	I. 1925
Marshall, W. L., B.Sc. ... ..	II. 1928
Marshall, Mrs. See Parish, Susie E.	
Marsland, Mary K., M.A. ... ..	1896
Marsland, Mrs. W. L. See Henderson, Catherine H.	
Martin, Ethel M., B.Sc. ... ..	1902
*Martin, R. N., B.A. ... ..	II. 1928
Martin, W. E., B.Sc. ... ..	II. (2) 1921
Martin, W. S., B.A. ... ..	II. 1932
Martlew, Alice, B.A. ... ..	II. 1929
*Mason, Gladys D. (Newnham College, Cambridge)	II. (1) 1915
Mason, J. E., B.A. ....	I. 1924
Mason, Nora D., B.A. ... ..	II. 1920
Mason, Ruth A., B.A. ... ..	II. 1930
Mather, Arnold, B.Sc. ... ..	II 1932
Maxwell, Margaret, M.A. ... ..	II. 1933
Mayers, Mrs. See Kelly, May	
Meachim, Mrs. G. L. See Bell, Dorothy	
Meadows, Alan, B.Sc. ... ..	II. 1929
Meadows, Mary H., B.A. ... ..	II. 1923
Mearns, Robert, B.A. ... ..	II. 1925
Medd, Gracie L., B.A. ... ..	II. 1932
Medd, Annie, B.Sc. ... ..	II. 1925
Melling, Clifford, B.Sc. ... ..	II. 1926
Mellor, H. A., B.A. ... ..	II. 1913
*Menzies, Ethel, B.A. ... ..	II. (1) 1917
Merrett, Alfred, B.Sc. ... ..	II. 1909
Merrett, Mrs. J. E. See Gower-Jones, Pauline L.	
Metcalfe, Marjorie E., B.Sc. ... ..	II. 1932
Metcalfe, Mrs. See Barnes, Grace	
*Meyer, J. H., B.Sc. ... ..	II. 1911
Michael, Esther A., B.A. ... ..	II. 1926
Middlebrough, I. L., B.A. ... ..	II. 1930
Midgley, Laura M., B.A. ... ..	II. 1924
Millburn, W. W., B.A. ... ..	II. 1932
Miller, C. T., B.A. ... ..	II. 1932
Miller, D. G. See Schultze, D. G.	
Miller, Elizabeth, B.A. ... ..	II. 1929
Miller, H. C., B.A. ... ..	II. 1925
Miller, Mary M., B.A. ... ..	II. 1927
*Miller, May, B.Sc. ... ..	1920
Miller, Teresa M., B.A. ... ..	II. 1927
Mills, C. M., B.Sc. ... ..	II. 1927
Mills, Eileen M. (Somerville College, Oxford)	II. (1) 1915
Mills, Mrs. See Wilkinson, Elsie R.	
Mitchell, Frank, B.A. ... ..	II. 1923
Mitchell, Vera K., B.A. ... ..	II. 1931
Moffatt, John, B.Sc. ... ..	II. 1932
Moncreiff, Mrs. A. M. See Thomas, Annie I.	

	Date of Diploma
Moodie, Mrs. A. See Crewe, Margery	
Moore, Arthur, B.Sc. ... ..	II. 1912
Moore, Dorothy, B.Sc. ... ..	II. (2) 1917
*Moore, Dorothy I., B.A. ... ..	1920
Moore, Mrs. E. J. See Egh, Maudie	
*Moore, Margaret, B.A. ... ..	II. (2) 1921
*Moorhouse, Dorothy M., B.Sc. Moorhouse, Mary A., B.Sc. ... ..	1920 II. 1924
Morgan, A. S. L., M.Sc. ... ..	II. 1933
Morgan, Olive I., B.Sc. ... ..	II. 1927
Morley, Marjorie, B.A. ... ..	II. 1932
Morrall, James, B.Sc. ... ..	II. 1923
Morrill, P. J. T., B.A. ... ..	II. 1932
Morris, A. G., B.A. ... ..	II. 1926
Morris, A. I., B.A. ... ..	II. 1926
*Morris, H. R., B.A. ... ..	II. 1913
Morris, Lucy (Newnham College, Cambridge) (Mrs. Sturt-Best)	1902
Morris, Mrs. Lyn. See Oppenheim, Freda	
Morris, Mrs. See Oliver, Violet	
Morrison, Ellen I., B.Sc. (Mrs. K. K. Wood)	II. 1927
Morton, P. F., B.Sc. ... ..	II. 1930
Morton, R. E., B.A. ... ..	II. 1924
Mottram, Lillian A., B.A. ... ..	I. 1933
Moulding, H. N., B.A. ... ..	II. 1929
Moulton, H. K., B.A. ... ..	I. 1927
Moulton, Jane, B.A. ... ..	I. 1927
Mounsey, W. H., B.A. ... ..	II. (1) 1922
Mountain, Mrs. See Stevenson, Rose E.	
Moyes, Effie, B.A. (Mrs. Arthur Barlow)	II. (1) 1916
Mullineaux, Florence, B.Sc. ... ..	II. 1932
Mumford, W. F., B.A. ... ..	II. 1923
Murray, Bethia, B.Sc. ... ..	II. 1923
Nash, Margaret I., B.Sc. ... ..	II. 1928
Natras, J. E., B.Sc. ... ..	II. 1926
Naylor, Eleanor J., B.A. ... ..	II. 1932
Neate, William, B.A. ... ..	II. 1929
Nedderman, G. H., B.A. ... ..	II. (2) 1914
Needham, Elizabeth, M.A. ... ..	1901
Newbold, J. T. W., B.A. ... ..	II. 1910
Newton, Agnes, B.A. ... ..	II. 1930
Newton, Mrs. R. E. See Shepherd, Kathleen A.	
Newton, Susan M. H., B.A. ... ..	II. 1933
Nice, Doreen A., B.A. ... ..	II. 1930
*Nicholas, Lily, B.A. ... ..	II. (1) 1915
Nichols, Katharine S., B.Sc. ... ..	II. 1931
Nicholson, J. S., B.Sc. ... ..	II. 1924
Nixon, Alice M., B.A. ... ..	II. 1927
*†Nixon, Elsie (Mrs. J. A. G. Dymond) (Girton College, Cambridge)	I. 1914
Noden, W. L., B.Sc. ... ..	II. 1929
Norcliffe, Clare, B.A. ... ..	II. 1910
Norman, W. J., B.Sc. ... ..	II. 1923
Norris, Ethel, B.A. ... ..	II. 1925
Norris, E. T., B.Sc. ... ..	II. 1927
Norris, F. J., B.A. ... ..	II. 1933
North, Mrs. See Berry, Edith M.	
Northrop, Lesley, B.A. ... ..	II. 1925
†Nuttall, Annie R. (Newnham College, Cambridge)	1905
Nuttall, Hilda, B.A. ... ..	II. 1927
Nutter, Freda, B.A. (Mrs. D. H. Cowley)	II. 1933
Oakden, J. P., B.A. ... ..	II. 1926

\* Secondary Branch.

† Distinction.



## TEACHER'S DIPLOMA—continued.

Date of  
DiplomaDate of  
Diploma

*O'Brien, Florence, B.A. (Mrs. Frederick Speakman) II.	1913
Oddy, Annie M., B.Sc. ....	1901
O'Gara, Mrs. D. See Tipping, Mary A. Oldfield, Mrs. L. H. ....	
See Kirkman, Ann	
Oliver, Violet, B.A. (Mrs. Morris) II.	1925
*O'Neill, Jennie, B.A. (Mrs. W. C. Wilde) II.	1913
O'Neill, Sarah, B.A. ....	1926
*Oppenheim, Freda, B.A. (Mrs. Lyn Morris) II.	1919
Orme, Daisy L. J., B.A. ....	1931
Ormerod, Elizabeth, B.A. (Mrs. A. C. Campbell) II. (2)	1917
Ormerod, R. E., B.A. ....	1920
Ormes, W. S., B.Sc. ....	1930
Ormesher, E. C., B.Sc. ....	1927
Orr, Jessie F., B.A. ....	1901
Osborn, Winifred, B.A. ....	1932
Osgathorp, Mrs. H. J. See Watkin, Eleanor B.	
Oulton, Bernard, B.Sc. ....	1923
Owen, Mrs. T. W. See Stubbs, Linda	
Owen, Walter, B.Sc. ....	1929
Oxley, W. D., B.Sc. ....	1925
Oxtoby, Doris, B.Sc. ....	1933
Palmer, Mrs. G. R. See Godson, Katherine H.	
Palmer, Olive L. (Newnham College, Cambridge) II.	1905
*Parish, Hilda C., B.Sc. ....	1917
Parish, Jessie M., B.A. ....	1910
Parish, Susie E., B.A. (Mrs. Marshall) II. (2)	1916
Park, Margaret E., B.A. (Mrs. S. G. Lawrence) II.	1927
Parker, Ada, B.A. ....	1926
Parker, Agnes, B.A. ....	1904
Parker, G. H., B.A. ....	1900
Parker, Lillian, ....	1918
Parker, Mrs. R. E. ....	
See Ward, Florence K.	
Parker, Mrs. T. See Turner, Annie	
Parker, T. F., B.Sc. ....	1925
Parkes, E. Mary, B.Sc. ....	1929
Parkin, Mary W., B.Sc. ....	1914
Parrott, Bessie, B.A. ....	1928
Parry, Janet, B.Sc. ....	1921
Partington, Edna, B.A. ....	1932
Partington, Esther, B.A. ....	1921
Partington, T. C., M.A. ....	1912
Pashley, Harry, B.A. ....	1928
Paterson, Dora I., B.A. ....	1930
Patterson, Annie C., B.A. ....	1921
Patterson, Rosa, M.A. Pattison, J. H., M.A. ....	1929
(Trin. Coll., Dublin)	1902
Paull, Margaret C., M.A. (Mrs. Knott) II.	1908
Pawson, Emily, B.A. ....	1915
Payne, Kathleen A., B.Sc. ....	1930
Peace, Margery A., B.A. ....	1930
Peach, Mrs. L. du G. See Leeming, Emily M.	
Pearsall, W. H., B.Sc. ....	1914
Pearsall, Mrs. See Williamson, Marjory S.	
Pearse, Rachel N., B.A. ....	1928
Pearson, E. H., B.A. ....	1928

Pearson, Eva M., B.A. ....	1925
Pearson, Gladys M., B.A. ....	1923
Pearson, Gladys J., B.A. ....	1923
Pearson, Rachel F., B.A. ....	1917
Pearson, Mrs. See Birch, Doris	
Peel, F. L., B.Sc. ....	1928
Pemberton, Elsie, B.Sc. ....	1926
Penketh, H. I., B.Sc. ....	1925
Penney, Elizabeth, B.A. (Mrs. Graham) I.	1910
Penney, Mary, B.A. (Mrs. Hughes) II.	1925
*Pennington, Dorothy W., B.Sc. ....	1920
Pennington, Margaret, B.A. ....	1929
Percival, Walter, B.A. ....	1923
Peter, David, B.A. ....	1928
Peters, A. T., B.Sc. ....	1926
Petty, E. R., B.Sc. ....	1932
Petty, J. D., B.Sc. ....	1912
†Phillips, A. J., B.Sc. ....	1921
Phillips, Doris, B.A. ....	1919
Phillips, Ernest, B.Sc. ....	1915
Phillipson, H. M., M.A. ....	1930
*Phillipson, Sydney, B.A. ....	1919
Pickard, Edith, B.A. ....	1930
Pickering, Herbert, B.Sc. ....	1931
Pickles, Edith A., B.A. (Mrs. C. Woolridge) II.	1913
Pickles, Ina, B.Sc. (Mrs. Fletcher) II.	1927
Pickston, John, B.Sc. ....	1925
Picton, Grace E., B.Sc. ....	1908
Pierson, Rosamund K., B.A. ....	1927
Pillington, Evelyn M., B.A. ....	1916
Piling, Mrs. See Duxbury, Margaret	
Pimlott, Harry, B.Sc. ....	1930
Pinner, Muriel, B.A. ....	1930
Platt, Annie, B.A. ....	1928
Platt, Bevis, B.Sc. ....	1911
Platt, J. C., B.Sc. ....	1911
Platt, Stanley, B.Sc. ....	1915
Plinston, Elsie, B.A. ....	1927
Polkinhorne, Mrs. F. G. N. See Lyons, Winifred M.	
Pollard, Elsie, B.A. ....	1921
Pollard, F. E., ....	1897
Pollard, H. A., B.Sc. ....	1927
Pollard, Mabel, B.Sc. ....	1924
*Pollard, F. S., M.Sc. ....	1915
Pollard, S. R., B.Sc. ....	1929
Pomeroy, Mrs. A. G. See Cliff, Dorothy A.	
Poole, J. L., B.A. ....	1923
Popple, Lillian, B.A. (Mrs. Whitehead)	1905
Porter, Gilbert, B.Sc. ....	1923
Portman, P. R., B.Sc. ....	1931
Potter, Edna M., B.A. ....	1931
Potter, Mrs. G. R. See Leon, Rachel	
Powell, Horace, B.Sc. ....	1933
Power, Edward, B.A. ....	1931
Powicke, Agnes E., B.A. ....	1910
Powicke, Mrs. See Evans, Gladys	
Pownall, C. W., B.A. ....	1930
Pratt, Alan, B.A. ....	1928
Prendergast, F. M., B.A. ....	1933
Prescott, Sarah, B.A. ....	1927
Price, Ethel N., B.A. ....	1908
Price, Mrs. See Bell, Minnie J.	
Price, S. M., B.A. ....	1928
*Priestley, Dorothy, B.Sc. (Mrs. S. O. Gregory) II. (1)	1921
Priestley, H. B., B.Sc. ....	1932
Priestley, May, B.A. ....	1930
Priestly, A. W., M.A., B.Sc. ....	1897

\* Secondary Branch.

† Continuation School Branch

## TEACHER'S DIPLOMA—continued.

	Date of Diploma	
Prince, Mary H., B.A. ... ..	II. 1931	
Pring, L. W., B.A. ....	II. 1929	
Prior, Theodora, B.Sc. ....	1902	
Pritchard, M. W., B.A. ....	I. 1931	
Proudfoot, Harry, B.A. ....	II. (1) 1914	
Proudflove, Winifred M., B.A. ....	II. 1924	
*Provost, Edith, B.A. ....		
(Mrs. Bertie Wilkinson)	1919	
Provost, Ellen, B.A. ....		
(Mrs. W. C. Russell)	II (1) 1918	
Provost, Ethel, B.A. (Mrs. Bland)	II. 1923	
Provost, Mary, B.A. ....	II. 1930	
Pryne, Kathleen M., B.A. ....	II. 1933	
Puddy, Ella, B.A. ....	II. 1930	
Quayle, Mark, M.Sc. ....	II. 1912	
Quinn, Alice M., B.Sc. ....	II. 1925	
*Race, Margaret I. W., B.A. ..	II. (2) 1915	
Ractivand, Nicholas, B.A. ....	I. 1924	
Radcliffe, Mabel, B.A. ....	II. 1926	
Raine, Amy, B.A. ....		
(Mrs. Arthur Kipling)	1922	
*Rainford, Sarah J., B.A. ....	I. 1917	
Ralphs, A. L., M.A. ....	II. 1912	
Ramsbottom, Mrs. See Goudie, Grace		
Ramsden, Annie, B.A. ....	II. 1906	
Rankin, Helen C., B.Sc. ....	II. 1923	
Ranshaw, Nellie, B.Sc. ....	II. 1925	
Ranson, John, B.Sc. ....	II. 1933	
Rasburn, Wallace, B.Sc. ....	II. 1927	
Ratcliffe, N. A., B.Sc. ....	II. 1926	
Rathbone, J. H., B.Sc. ....	II. 1926	
Ravenscroft, Alma, B.A. ....	II. 1932	
Rawlinson, Mrs. See Hesketh, Annie		
Rawlinson, Mrs. See Wright, Margaret		
Ray, Elsie, B.Sc. ....	II. 1927	
Rayner, Mrs. See Hardaker, Dorothy		
Redearn, Elsie M., M.A. ....	II. 1909	
Redearn, H. S., M.Sc. ....	I. 1909	
Redearn, H. S., M.Sc. ....	I. 1906	
†Rees, Caleb, B.A. (Wales) ....	I. 1906	
Rees, Mabel M., B.A. ....	II. 1930	
Reeves, Edwin, B.A. ....	II. 1930	
Regan, Margaret M., B.A. ....		
(Mrs. O. Herford)	1897	
Reichel, Mrs. See Connor, Beatrice H.		
Reynolds, Mary, M.A. ....	1905	
Rhoden, Evelyn, B.A. ....	II. 1926	
Rhodes, J. E., B.A. ....	1904	
*Richards, Elizabeth M., B.A. ....	II. (1) 1921	
*Richardson, Agnes M., B.Sc. ....	II. (1) 1914	
*Richardson, Gertrude M., B.A. ....	II. (2) 1915	
Richardson, G. A., B.Sc. ....	II. 1932	
Richardson, Harold, B.A. ....	II. 1931	
Richardson, Marion, B.Sc. ....	II. 1932	
Ridler, A. E., B.Sc. ....	II. 1927	
Ridyard, Bertha B.A. (Mrs. Evans)	II. 1924	
Ridgby, F. F., B.Sc. ....	II. 1926	
Rigby, Mrs. W. J. See Sutton, Olive		
*Riley, A. W., B.Sc. ....	I. 1922	
Riley, J. J., B.Sc. ....	II. 1926	
Riley, Sheila, B.Sc. ....		
(Mrs. Hubert Kelly)	II. 1924	
Riley, W. S., B.A. ....	II. 1926	
Ritchie, John, B.Sc. ....	I. 1925	
Rivers, Jack, B.A. ....	II. (1) 1916	
Roberts, Alice, B.Sc. ....	II. 1926	
Roberts, Eleanor M., M.A. ....	1899	
Roberts, Ellen, B.A. ....		
(Mrs. R. F. Treharne)	II. 1925	

	Date of Diploma	
Roberts, Frank, B.Sc. ....	I. 1926	
Roberts, Fred, B.A. ....	II. (1) 1914	
Roberts, G. L., B.A. ....	II. 1929	
Roberts, Harry, B.A. ....	II. 1927	
*Roberts, Louisa, B.A. ....	II. (1) 1921	
Roberts, Margaret A., B.A. ....	II. 1928	
Roberts, Marion, B.A. ....	II. 1932	
Roberts, Mary M., B.A. ....	II. (1) 1916	
Roberts, Mrs. Arthur. ....		
See Howarth, Mary		
Roberts, Mrs. Norman. ....		
See Smith, Doris		
*Roberts, R. C., B.A. ....	II. (1) 1922	
Robertson, Edith B., B.A. ....	II. 1925	
Robinson, Edith A., M.A. ....	1905	
Robinson, Edward, B.Sc. ....	II. 1926	
Robinson, E. H., B.A. ....	I. 1930	
Robinson, Mary, B.A. ....		
(Mrs. Fred Hargreaves)	II. 1924	
Robinson, Mrs. See Bunting, Ethel		
Robinson, Tom, B.A. ....	II. 1926	
Robinson, Tom, B.Sc. ....	II. 1923	
Robinson, Winifred, B.A. ....		
(Mrs. R. B. Boden)	II. (2) 1918	
Robson, Mary A., B.A. ....	II. (1) 1918	
Roby, William, B.A. ....	II. 1925	
Rodbourn, J. R., B.A. ....	II. 1932	
Rogers, James, B.Sc. ....	II. 1913	
Rogers, Mildred, B.A. ....	II. 1931	
*Rogerson, Harry, B.A. ....	1920	
Roper, R. E., M.A. ....	1903	
Roscoe, Marian F. H., B.A. ....		
(Mrs. C. T. Carr)	II. (2) 1918	
†Ross, George, B.Sc. ....	1920	
Rossington, Mrs. H. J. ....		
See Hayhurst, Florence		
Rothwell, Alice, B.A. ....	II. 1932	
Rothwell, Mrs. B. P. ....		
See Fowler, Elsie H.		
Rothwell, Mary, B.Sc. ....	II. (2) 1918	
Rothwell, Mary M., B.A. ....	II. 1928	
Round, Lucy M., B.A. ....	II. 1926	
Rowbotham, Mrs. ....		
See Ashley, Frances H.		
Rowe, Mrs. See Linforth, Edith M. E.		
Rowling, Mrs. M. M. ....		
See Thexton, Marjorie A.		
Royle, Mrs. E. A. ....		
See Birtwell, Elizabeth W.		
Royle, Marion, B.A. ....	II. 1925	
Rule, May S., B.A. ....	II. 1933	
Ruscoe, G. G., B.A. ....	II. 1925	
Rushforth, Gladys C., B.A. ....	II. 1931	
Russell, Harold, B.Sc. ....	II. 1926	
Russell, Mrs. W. C. See Provost, Ellen		
*Ruthven, Emily H., B.A. ....	II. (2) 1914	
Ryde, D. G., B.A. ....	II. 1931	
Sadler, C. A. N., B.Sc. ....	II. 1928	
Salmons, Mary, B.A. ....	II. 1927	
Salter, A. G., B.Sc. ....	II. 1930	
Sambrook, W. J., B.A. ....	II. 1930	
Samuel, Phyllis, B.Sc. ....	II. 1929	
Sanders, Alberta I., B.A. ....		
(Mrs. F. W. Hindes)	II. 1921	
Sanderson, Hilda, B.A. ....	II. 1926	
*Sandiford, Mary, B.A. ....		
(Mrs. S. H. Eva)	II. 1909	
Sandiford, Mildred, B.A. ....	II. 1926	
Sandiford, T. R., B.Sc. ....	II. 1927	

\* Secondary Branch.

† Distinction.

‡ Continuation School Branch.

## TEACHER'S DIPLOMA—continued.

Date of  
Diploma

Sandison, Mrs. T. T.

See Chambers, Mary E.

Sankey, J. J., B.Sc. ... II. 1931

Sargent, Elsie K., B.A. ... II. 1909

Sarginson, Amy, B.Sc. ... II. 1929

\*Satterthwaite, Elizabeth, B.Sc. II. (1) 1922

Saunders, Constance M., B.Sc. ... II. 1907

Saxton, Gwendoline A. M., B.A. ... II. 1930

Scandrett, May H., B.A. ... II. 1930

Schofield, Dorothy U., B.Sc. ... II. 1930

Schofield, Daphne B., B.A. ... II. 1931

\*Schofield, Edna, B.A. ... II. (1) 1921

Schofield, Herbert, B.Sc. ... II. 1928

Scholes, Dorothy E., B.A. ... II. 1923

Scholey, William, M.A. (Edinburgh) II. 1912

\*Schofield, Alfred, M.Com. ... II. (2) 1916

Schofield, Elsie, B.A. ... II. 1925

Schulze, D. G., B.A. (Oxford) (Now D. G. Miller) 1905

Scarr, W. F., B.A. ... II. 1924

Scorey, Charlotte W., B.A. ... II. (1) 1922

Scott, Christina A., M.A. ... II. 1930

Scott, H. W., B.Sc. ... II. 1929

Scott, Irene, B.A. ... II. (2) 1915

Scott, John, B.Sc. ... II. 1927

Searle, Dorothy V., B.A. ... II. (2) 1917

Seddon, Connie, B.A. ... II. (2) 1917

Seddon, Louie, B.A. ... II. 1928

Sealey, H. C., B.A. ... II. 1930

Seex, Marjorie M., B.Sc. ... II. 1927

\*Segaller, Philip, B.Sc. Tech. ... II. 1920

Sellors, Joseph, B.A. ... II. 1933

Semper, W. H., B.A. ... II. 1929

Sephton, Ada F., B.Sc. ... II. 1933

Shanks, Muriel I., B.A. ... II. 1932

Sharp, J. V. J., B.A. ... II. 1928

Sharples, Norah, B.A. (Mrs. Brooks) II. 1923

Shaw, Marion, B.Sc. ... II. (1) 1914

\*Shaw, Mary, B.Sc. ... I. 1922

\*Shaw, W. S., B.Sc. ... II. (1) 1914

Sheard, Walter, B.Sc. ... II. 1923

\*Shepherd, H. H., M.A. ... I. 1921

\*Shepherd, D. H., B.Sc. ... II. 1912

Shepherd, Kathleen A., B.A. (Mrs. R. E. Newton) II. 1910

Shepherd, Mrs. M.

See Bunting, Hilda M.

Shepherd, W. H., B.A. ... II. 1933

Sherratt, Joseph, B.Sc. ... II. 1929

Sherratt, Norah, B.A. (Mrs. Arthur Ingham) II. 1925

Shorrock, Beatrice, B.Sc. (Mrs. W. E. Davies) II. 1927

Shorton, R. G., B.Sc. ... II. 1924

Sibley-Haycock, Naucie V., M.A. II. 1933

Sim, Annie, B.A. ... I. 1925

\*Simmonds, Elsie, B.A. ... ... 1920

\*Simmonds, Florence, B.A. ... I. 1916

Simmons, Mrs. Charles.

See Hirst, Lihan C. V.

\*Simpson, Fanny, B.A. (Mrs. Watson) II. 1911

Simpson, Frank, B.A. ... II. 1927

Simpson, Hilda M., B.A. ... II. (1) 1922

Simpson, Sarah, B.A. ... II. 1931

Singleton, F. C., B.A. ... II. 1911

Singleton, Phyllis, B.A. ... II. 1931

Sircom, Geoffrey, B.A. ... II. 1933

Skemp, Mrs. A. R.

See Clarkson, Jessie D.

Skinner, Edith, B.Sc. ... II. 1929

Skinner, Mrs. See Horsfall, Dorothy

Date of  
Diploma

Slade, Mrs. E. R. See Bedson, Muriel A.

Slaney, Mabel M., B.A. ... II. 1927

Slater, Harold, B.Sc. ... II. 1926

Slater, Nellie, B.A. ... II. 1929

Slater, Winifred, M.A. (Dublin) ... II. 1901

Slinger, Bertha, B.A. ... II. 1929

Smalley, L. M., B.Sc. ... II. 1932

Smith, A. C., B.Sc. ... II. 1931

Smith, Annie, B.A. ... II. 1929

Smith, Annie C., B.A. ... II. 1929

Smith, Annie M. M., B.A. (Mrs. F. C. Happold) II. 1924

Smith, A. J., B.Sc. ... II. 1900

Smith, Blanche M., B.A. ... II. 1932

Smith, Doris, M.A. (Mrs. Norman Roberts) II. (2) 1918

Smith, Dorothy S., B.A. ... II. (2) 1917

Smith, Ethel, B.Sc. ... II. 1927

\*Smith, Gertrude, B.A. (Mrs. G. M. Bark) I. 1918

Smith, G. B., B.A. ... II. 1925

Smith, H. C., B.Sc. ... II. 1927

Smith, Mrs. J. W.

See Whitehead, Ellen E.

Smith, Lawrence, B.A. ... II. 1933

Smith, Mary W., B.A. (Mrs. John Henderson) II. 1923

Smith, Nora M., B.A. ... II. 1924

Smith, O. L., B.A. ... II. 1911

Smith, Mrs. R. A.

See Whiteside, Enid

Smith, Robina B. (Oxford) ... II. 1907

Smith, R. H., B.Sc. ... II. 1923

Smith, Ruth S., B.A. ... II. 1930

Smith, Sydney, B.Sc. ... II. 1925

\*Smith, Thomas, B.Sc. ... II. (1) 1917

Smith, T. K., B.A. ... II. 1933

Smith, William, B.A., B.Sc. ... II. 1900

Smith, William, B.A. ... II. 1931

Smith, W. S., B.Sc. ... II. 1933

Smithies, G. T. S., B.Sc. ... II. 1925

Snake, Thomas, B.A. ... II. 1924

\*Sneath, A. A., M.A. ... II. 1920

Soundy, Millicent A., B.Sc. (Mrs. C. Thorpe) II. (1) 1917

Southworth, Margaret, B.A. ... II. 1926

Spalding, Mrs. J.

See Trigger, Winifred E.

Speakman, Ethel, M.A. (Mrs. Lees) II. 1909

Speakman, Mrs. Frederick.

See O'Brien, Florence

Speakman, Mrs. H. B.

See Armstrong, Gladys M.

\*Spencer, Edith, B.A. ... II. (1) 1921

Spencer, Florence M., B.A. ... II. 1931

Spencer, Lillie A., B.A. ... II. 1928

Spencer, Mary, B.A. ... II. 1925

Spencer, Mrs. T. P. See Hulce, Evelyn

Spokes, T. S., B.Sc. ... II. 1925

Stafford, Alice, B.Sc. (Mrs. Wignall) II. (1) 1916

Stafford, F. J., B.A. ... I. 1914

\*Stafford, Phyllis, B.A. ... II. (2) 1918

Staudring, Harold, B.A. ... II. (2) 1915

Stanley, Caroline, B.A. ... II. (1) 1918

Stead, Geoffrey, B.A. ... II. 1932

Stedelford, Mrs. E. T. A.

See Fortune, Mabel

Steel, G. R., B.A. ... II. 1931

Steel, H. C., B.Sc. ... II. 1924

Steiner, Hilda C., B.A. ... II. 1933

\* Secondary Branch.

† Continuation School Branch.

## TEACHER'S DIPLOMA—continued.

	Date of Diploma		Date of Diploma
Stephenson, J. F., B.Sc. ... ..	II. 1927	Taylor, Harold, B.Sc. ... ..	II. 1923
Stevenson, Elsie C., B.Sc. ... ..	... 1903	Taylor, J. G., B.A. ... ..	I. 1930
Stevenson, Ethel M., M.A. ... ..	... 1903	Taylor, J. W., B.A. ... ..	II. 1930
Stevenson, Kathleen M., B.A. ... ..	II. 1929	Taylor, John, B.A. ... ..	II. 1923
Stevenson, Rose B., B.Sc. ... ..	...	Taylor, Karl, B.A. ... ..	II. 1930
(Mrs. Mountain) II. 1906		Taylor, Kathleen R., B.A. ... ..	II. 1923
*Stewart, Dorothy A., M.Sc. ... ..	II. (x) 1915	*Taylor, Lizzie, B.A. ... ..	... 1919
Stewart, Mrs. See Clough, Eva		Taylor, Lydia, M.A. ... ..	I. 1910
Stirling, Enid H., B.Sc. ... ..	II. 1930	*Taylor, Mary, M.Sc. ... ..	I. 1913
Stockley, Norah, B.A. ... ..	II. 1931	Taylor, Vera, B.Sc. ... ..	II. 1931
Stocks, G. R., B.A. ... ..	II. 1933	Taylor, Mrs. William.	
Stockton, C. E., M.A. ... ..	I. 1906	See Firth, Elsie M.	
Stokes, W. A., M.A. ... ..	I. 1907	Taylor, Wilson, B.A. ... ..	II. 1928
Stonex, N. T., B.A. ... ..	II. 1926	Taylor, Mrs. See Gorst, Annie	
Stooke, Kathleen M., B.A. ... ..	II. 1923	Teece, Amy, B.A. ... ..	II. 1924
*Stopard, Winifred M., B.Sc. ... ..	... 1920	*Thackrah, Elsie, B.Sc. ... ..	II. (x) 1921
Storey, Olive M., B.A. ... ..	II. 1926	*Thexton, Marjorie A., B.A.	
Storr-Best, Mrs. See Morris, Lucy		(Mrs. M. M. Rowling) II. (x) 1922	
Storv, Winifred, B.A. ... ..	II. 1926	Thomas, Annie L., B.A.	
Stott, Joan M., B.A. ... ..	II. 1932	(Mrs. A. M. Moncrieff) II. (2) 1916	
Stott, Lizzie, B.A. ... ..	II. (x) 1917	Thomas, Gwyneth M., B.A. ... ..	II. 1927
Strange, Gladys M., B.A.		Thomas, Muriel A., B.A. ... ..	II. 1929
(Mrs. G. R. Walkden) II. (2) 1918		*Thomas, Nesta E., B.A. ... ..	II. (x) 1915
Straw, Mrs. J. G.		Thomas, R. H., B.Sc. ... ..	II. 1927
See Broadbent, Florence M.		Thomas, Mrs. H. S.	
Stringer, Lena H., B.A.		See Hartley, Nora F.	
(Mrs. A. Harrison) II. 1913		Thomas, Mrs. R. E. C.	
Stringer, Mrs. G. L.		See Cawley, Mary	
See Bullock, Amy		*Thomasson, John, B.Sc. ... ..	II. (2) 1922
Struthers, F. B., B.Sc. ... ..	II. 1924	Thompson, A. W., B.A. ... ..	II. 1923
Struthers, W. H., B.Sc. ... ..	II. (1) 1914	Thompson, Eric, B.A. (Com.) ... ..	II. 1930
Struthers, Mrs. See Williams, Enid M.		Thompson, Ethel, B.Sc. (Mrs. Belsen)	
Stubbs, D. R., B.Sc. ... ..	I. 1933	*Thompson, Ethel M., B.A. ... ..	II. (x) 1914
*Stubbs, Linda, B.A. (Mrs. T.W. Owen)		*Thompson, E. R., B.A. ... ..	II. (2) 1914
Stryan, Minnie, B.A. ... ..	II. 1928	Thompson, G. E., B.A. ... ..	II. 1928
Sudworth, Eveline, B.A. ... ..	II. 1924	Thompson, Jessie, B.A. ... ..	II. 1927
Sugden, Emily E., B.A. ... ..	II. (2) 1917	Thompson, Joan, B.A. ... ..	II. 1930
*Sullivan, Frederica, B.A. ... ..	II. (1) 1916	Thompson, Mrs. M. P.	
Sunderland, Norman, B.A. ... ..	II. 1931	See McLachlan, Marion W.	
Sunman, Mary, B.A. ... ..	II. 1928	Thompson, Rachel D., B.A. ... ..	II. 1933
Sutcliffe, Albert, B.A. ... ..	II. 1933	Thornely, P. C., B.Sc. ... ..	I. 1930
*Sutcliffe, Joseph, B.Sc. ... ..	I. 1912	Thornton, Phyllis P., B.A. ... ..	II. 1930
Sutcliffe, K. E., B.A. ... ..	II. 1933	Thorp, Arthur, B.Sc. ... ..	II. (2) 1917
Sutcliffe, Mary G., B.Sc. ... ..	II. 1930	Thorpe, Mrs. C.	
Sutton, J. H., B.A. ... ..	II. 1926	See Soundy, Millicent A.	
Sutton, Olive, B.Sc.		Thorpe, Ethel, B.A. ... ..	1919
(Mrs. W. J. Rugby) II. (2) 1917		Thorpe, Florrie, B.A.	
Swaine, Mrs. F. See Thorpe, Florrie		(Mrs. F. Swaine) II. (1) 1916	
Swallow, G. H., B.Sc. ... ..	1911	Throup, Nancy, B.Sc. ... ..	II. 1927
Sykes, Marion, B.A. ... ..	I. 1931	Tinkler, J. L., B.A. ... ..	II. 1924
Sykes, May, B.A. ... ..	II. 1926	Tipping, Mary A., B.A.	
Sykes, Mrs. See Farrow, Betsy		(Mrs. D. O'Gara) II. 1925	
Sykes, Mrs. See Whitfield, Evelyn		Todd, F. R., B.A. ... ..	II. 1929
Sylvester, G. H., B.A. ... ..	II. 1929	Toft, Herbert, B.Sc. ... ..	II. 1932
Taberner, Mrs. See Chadwick, Mary E.		Toft, J. W., B.Sc. ... ..	II. 1926
Talbot, Cyril, B.A. ... ..	II. 1929	Tomlinson, Henry, B.Sc. ... ..	II. 1930
Talithman, David, B.A. ... ..	II. 1928	Tomlinson, Marion H., B.A. ... ..	I. 1933
Tanner, H. H., B.Sc. ... ..	II. 1924	Tomlinson, Mary, B.A. ... ..	II. 1930
Tarver, Constance M., B.Sc. ... ..	I. 1933	Tomlinson, W. C., B.Sc. ... ..	II. 1931
Tattersall, Mrs. George		Tompkins, D. G., B.Sc. ... ..	II. 1929
See Ecroyd, Eveline M.		Tooth, Olive, B.Sc. ... ..	II. 1933
*Tattersall, Mary, B.A. ... ..	II. 1921	Tootill, Arthur, B.A. ... ..	II. 1928
Taws, Kathleen, B.Sc. ... ..	II. 1924	Topham, Alice M., B.A. ... ..	II. (2) 1923
Taylor, Alice, B.A. ... ..	II. 1928	Towler, Elsie H., B.A.	
Taylor, Beatrice, B.A. ... ..	II. 1930	(Mrs. B. P. Rothwell) II. (1) 1918	
Taylor, Dora M., B.A. ... ..	II. (2) 1918	Travis, J. E., B.A. ... ..	I. 1923
Taylor, Elizabeth A., B.A. ... ..	II. 1933	Treharne, Enid M., B.A. ... ..	II. 1931
Taylor, Elizabeth M., B.A. ... ..	II. 1928	Treharne, Mrs. R. F. See Roberts, Ellen	
Taylor, Emily H., M.A. ... ..	II. 1906	*Trigger, Winifred E., B.A.	
Taylor, Eveline M., B.A. ... ..	II. (2) 1918	(Mrs. J. Spalding) II. 1923	
Taylor, Frederick, B.A. ... ..	II. 1925	Tucker, Gladys D., B.A. ... ..	II. 1931
*Taylor, George, B.A. ... ..	II. (1) 1922	Turner, Annie, B.A.	
		(Mrs. T. Parker) II. (2) 1918	

## TEACHER'S DIPLOMA—continued.

	Date of Diploma
Turner, Edna, B.A. ... ..	I. 1928
Turner, Gertrude M., B.A. ... ..	II. 1928
*Turner, Lillian M., B.A. ... ..	II. (1) 1922
Turner, Wilfrid, B.A. ... ..	II. 1930
*Twist, Herbert, B.Sc. ... ..	II. 1912
Twist, Marjorie, B.A. ... ..	II. 1924
Tyson, George, B.Sc. ... ..	II. 1927
Unsworth, A. V., B.Sc. ... ..	II. 1924
Unsworth, Maggie, B.Sc. ... ..	II. (2) 1915
Varley, Russell, B.A. ... ..	II. 1913
Vasey, J. R., B.Sc. ... ..	II. 1926
*Vaughan, Clarice, B.A. ... ..	1920
Vernon, Helen N., B.A. ... ..	II. 1928
Vessey, Marjorie D., B.A. ... ..	II. 1931
Vose, John, B.Sc. ... ..	II. 1926
Waddington, W. W., B.Sc. ... ..	II. 1913
Wadsworth, Gladys, B.A. ... ..	II. 1927
Wagener, Mrs. F. J. See Dobson, Catherine M. J. A.	
*Wainman, Ethel, B.A. ... ..	1919
Wainwright, Dorothy, B.Sc. ... ..	II. 1923
Wake, J. G., B.Sc. ... ..	I. 1923
*Wakeham, Hilda F., B.A. ... ..	I. 1922
Wallden, Mrs. G. R. See Strange, Gladys	
*Walker, Alice, B.A. ... ..	II. (2) 1922
Walker, Mrs. A. G. See Carr, Hilda	
*Walker, Cicely M. H., B.Sc. (Mrs. T. Marsh)	II. (2) 1921
Walker, Edith, B.A. ... ..	II. 1923
Walker, Edith F., B.Sc. ... ..	II. 1931
Walker, E. L., B.Sc. ... ..	II. 1931
Walker, John, B.Sc. ... ..	II. 1926
Walker, Mrs. See McLaine, Helen M.	
Walker, Nathaniel, B.Sc. ... ..	II. 1924
Walker, S. A., B.Sc. ... ..	II. 1924
Walker, T. S., B.Sc. ... ..	II. 1932
Walker, W. J., B.A. ... ..	II. 1929
Wall, Mrs. H. See Walmsley, Mary	
Wallace, Eric, B.A. ... ..	II. 1932
Wallbank, E. W., B.A. ... ..	II. 1931
Wallbridge, Mrs. P. E. See Wolstenholme, Vera	
Walley, Nance M., B.A. ... ..	II. 1933
Walmsley, Phyllis, B.A. ... ..	II. 1928
Walmsley, Frank, B.Sc. ... ..	II. 1927
Walmsley, G. J., M.Sc. ... ..	II. 1913
Walmsley, Mary, B.Sc. (Mrs. H. Wall)	II. 1912
Walsh, John, B.Sc. ... ..	II. 1930
*Walsh, Joseph, M.Sc. ... ..	II. 1912
Walsh, Margaret K., B.Sc. ... ..	II. 1932
Walters, Constance M., B.A. ... ..	II. 1928
Walters, Constance M. E., B.A. ... ..	II. 1926
† Walton, Arthur, B.Sc. ... ..	II. 1928
Walton, Edith A., B.A. ... ..	II. (2) 1921
Walton, N. W., B.A. ... ..	II. 1933
Walton, Ronald, B.Sc. ... ..	II. 1929
Wandless, Winifred A., B.Sc. ... ..	II. 1928
Warburton, Gwendoline, B.A. ... ..	II. 1925
Warburton, Mary, B.Sc. ... ..	II. 1929
Warburton, Stanley, B.A. ... ..	II. 1912
Ward, Cyril, B.A. ... ..	II. 1930
Ward, Dorothy M. H., B.A. ... ..	II. (2) 1918
Ward, Florence K., B.Sc. (Mrs. R. E. Parker)	1919
Ward, Frank, B.Sc. ... ..	II. 1925

	Date of Diploma
Wardlow, Ethel, B.A. ... ..	II. 1907
Waring, Alice I., B.A. ... ..	II. 1928
Warmington, Marjory P., B.Sc. ... ..	II. 1927
Waterhouse, James, B.A. ... ..	II. 1926
Watkin, Eleanor B., B.A. (Mrs. H. J. Osgathorp)	II. 1924
*Watson, Alice M., B.A. (Mrs. Lees)	II. 1911
Watson, Annie, B.A. ... ..	I. 1923
Watson, Beatrice M., B.A. (Mrs. J. F. Whitehouse)	II. (1) 1918
Watson, Doris, B.A. (Mrs. N. T. Goff)	II. 1925
Watson, Madge, B.Sc. ... ..	II. 1926
Watson, Mrs. See Simpson, Faany	
Watson, Thomas, B.A. ... ..	II. 1933
*Watts, Ethel A., B.Sc. (Mrs. E. A. Dungan)	1920
Watts, J. R., B.A. ... ..	II. 1933
Webb, Mrs. L. M. See Burton, Olive N.	
Weiss, Elizabeth G., B.A. (Mrs. Robert Browning)	II. 1927
Weitzman, Sophia, B.A. ... ..	I. 1919
Welch, Janet M., B.A. ... ..	II. 1910
Welford, Alice M., B.A. ... ..	II. 1931
Welsh, Constance A., B.A. ... ..	II. 1933
West, Mrs. R. A. See Grice, Eva	
Western, G. R., B.Sc. ... ..	II. 1931
Weston, Anne J., B.A. ... ..	II. 1925
Weston, Lillie, B.A. (Mrs. E. H. Fry)	II. (2) 1922
Wetherill, Hilda, B.Sc. ... ..	II. 1924
Whalley, Wilfred, B.Sc. ... ..	I. 1915
Whalley, Wilfred, B.A. ... ..	II. 1925
Whewell, Helen, B.A. ... ..	II. 1929
Whitaker, E. C., B.Sc. ... ..	II. 1924
Whitaker, Mabel, B.A. ... ..	II. 1910
White, Cecil, B.Sc. ... ..	II. 1911
White, C. E., B.Sc. ... ..	II. 1933
White, Florence, B.A. ... ..	II. 1927
White, Fred, B.A. ... ..	I. 1932
White, Mary I., M.A. (Mrs. C. E. M. Joad)	II. 1910
Whitehead, Blanche E., B.A. ... ..	II. 1925
*Whitehead, D. J., B.Sc. ... ..	I. 1922
Whitehead, Ellen E., B.A. (Mrs. J. W. Smith)	II. 1925
Whitehead, Gladys M., B.A. ... ..	II. 1931
Whitehead, J. B., B.A. ... ..	II. 1924
Whitehead, J. E., M.A. ... ..	II. 1907
Whitehead, Mrs. See Poppie, Lilian	
Whitehouse, Mrs. J. F. See Watson, Beatrice M.	
Whiteley, Dorothy E., B.A. ... ..	II. 1931
Whiteside, Enid, B.A. (Mrs. R. A. Smith)	II. 1925
Whitfield, Evelyn, B.Sc. (Mrs. Sykes)	II. 1927
Whitmore, Alice M., B.A. ... ..	II. 1923
Whittaker, Edith M., B.A. ... ..	II. 1925
Whittaker, Jessie, B.A. ... ..	II. 1932
Whittaker, Marjorie I., B.A. ... ..	II. 1932
Whittaker, Robert, B.Sc. ... ..	II. 1930
Whittaker, Mrs. See Wrigley, Marion M.	
Whittenbury, Mrs. G. V. See Francke, Joan	
Whittington, Marie L., B.A. ... ..	II. 1933
Whittle, Edith, B.A. ... ..	II. 1931
Whittle, Elizabeth, B.Sc. ... ..	II. 1929
Whitton, Harold, B.A. ... ..	II. 1933
Whitton, Norman, B.A. ... ..	II. 1930
Whitworth, John, B.Sc. ... ..	II. 1925
Whitworth, Nina M., B.Sc. ... ..	II. 1926

\* Secondary Branch.

† Distinction.

## TEACHER'S DIPLOMA—continued.

	Date of Diploma		Date of Diploma
Wignall, Mrs. See Stafford, Alice		Withington, J. W., B.Sc. ...	I. 1926
Wilde, Hilda, B.Sc. ...	II. (2) 1915	Witty, F. R., B.Sc. ...	II. 1927
Wilde, Mrs. W. C. See O'Neill, Jennie		Wolfenden, Keith, B.Sc. ...	II. 1925
*Wilks, W. R., B.Sc. ...	II. (1) 1915	Wolfenden, Tom, B.Sc. ...	II. 1924
Wilding, Alice, B.Sc. ...	II. 1924	Wolstenholme, Mrs.	
Wildman, Sybil, B.Sc. ...	II. 1929	See Goodwin, Cathleen M.	
Wiles, C. E., B.A. ...	II. 1926	Wolstenholme, Vera, B.Sc.	
*Wilkinson, Anne, B.A. ...	... 1919	(Mrs. P. E. Wallbridge) II.	1925
*Wilkinson, Bertie, M.A. ...	II. (1) 1927	*†Wood, A. B., B.Sc. ...	I. 1913
Wilkinson, Mrs. Bertie		Wood, A. C., B.Sc. ...	II. 1932
See Provost, Edith		Wood, Dorothy, B.A. ...	II. 1926
*Wilkinson, Caroline M., B.A. ...	... 1920	Wood, Elsie M., B.A. ...	II. 1930
†Wilkinson, Elsie R., B.A., (Mrs. Mills) I.	1916	Wood, E. R., B.A. ...	II. 1928
Wilkinson, Margaret G., B.A. ...	II. 1930	Wood, Harold, B.A. ...	II. 1923
Wilkinson, Marion, M.A. ...	II. 1906	Wood, Ida, B.Sc. ...	... 1921
Wilkinson, Marjorie, B.Sc. ...	II. 1928	*Wood, John, B.Sc. ...	II. 1912
Wilkinson, Stanley, B.A. ...	II. 1928	Wood, John, B.A. ...	I. 1922
Wilkinson, Winifrid, B.A. ...	II. 1931	Wood, J. L., B.A. ...	II. 1933
Willatt, Anna M., B.A. ...	II. 1927	Wood, Mrs. K. K. See Morrison, Isabella	
Willatt, E. M., B.A. ...	II. 1931	Wood, N. W., B.A. ...	II. 1925
Willatt, M. B., B.A. ...	II. 1930	Wood, Mrs. See Wilson, Mary	
Willatt, R. L., B.A. ...	II. 1913	Woodall, J. E., B.A. ...	II. 1927
Willatt, Alice, B.Sc. ...	II. (2) 1918	Woodall, S. J., M.A. ...	I. 1907
*Williams, Bernard, B.Sc. ...	I. 1914	Woodcock, Ada W., M.A.	
Williams, Constance P. E., B.A. ...	II. 1931	(Mrs. W. H. Hardisty) 1904	
Williams, Edna B., B.A. ...	II. 1933	Woodmass, Doris M., B.A. ...	II. 1927
Williams, Enid M., B.A.		Woodruff, Winifred M., B.Sc. ...	II. 1927
(Mrs. Struthers) II. (1) 1922		Woods, Florrie, B.A. ...	II. 1926
Williams, Florence M., B.A. ...	II. (2) 1916	Woodward, Amy, B.A. ...	II. (2) 1916
Williams, H. L. O., B.A. ...	II. 1924	Woodridge, Mrs. C. See Pickles, Edith A.	
*Williams, Jessie, B.A. ...	... 1910	Worrall, Bessie, B.A.	
Williams, J. G., B.A. ...	... 1904	(Mrs. D. J. Davies) II.	1910
Williams, Kathleen M., B.A. ...	II. 1932	Worswick, Millicent F., B.A., B.Sc. ...	II. 1905
Williams, Lillian M., B.A. ...	II. 1930	*Wragg, Janet M., B.A.	
Williams, Mary G., B.A. ...	II. 1931	(Mrs. Knight) II. (1) 1916	
Williams, Mary I., B.A. ...	II. 1931	Wray, Irene G., B.Sc. ...	II. 1926
Williams, Nancy D. M., B.A. ...	II. 1928	Wray, W. U., B.Sc. ...	I. 1929
Williams, T. A., B.Sc. ...	II. 1911	Wright, Gladys, B.Sc. ...	II. 1932
Williams, Mrs. See Brown, Florence W.		Wright, Hilda M., B.Sc.	
Williamson, Lillian, B.A. (Mrs. Forrester) 1901		(Mrs. D. J. Farquharson) II.	1923
Williamson, Louisa E., B.A. ...	II. (2) 1922	Wright, Margaret, B.A.	
Williamson, Marjory S., B.Sc.		(Mrs. Rawlinson) II.	1928
(Mrs. Pearsall) I. 1915		Wright, Marjorie E., B.A. ...	II. 1927
Willis, Edith (Girton College, Cambridge) 1905		Wright, Nora D., B.A. ...	II. 1931
Willis, Janet C. N., M.A. ...	II. 1906	Wrigley, Joan W., B.A. ...	II. 1933
*Willis, Maria M. D., B.A. ...	II. (2) 1915	Wrigley, Marion, B.A. (Mrs. Whittaker) 1904	
Wilson, Alfred, B.A. ...	II. 1923	Wrigley, Margaret J., B.A. ...	II. 1932
Wilson, Hilda E., B.A. ...	II. 1925	Wroe, Freda, B.Sc. ...	I. 1930
Wilson, Mabel, B.A. ...	II. (1) 1918	Wroe, Harry, B.Sc. ...	II. 1930
Wilson, Mary, B.A. (Mrs. Wood) II. 1927		Wyatt, Stanley, M.Sc. ...	I. 1912
Wilson, Mary B., B.Sc. ...	II. 1930	Wylde, K. H., B.Sc. ...	II. 1926
Wilson, W. L., B.Sc. ...	II. 1931	Wylie, Margaret R., B.Sc. ...	II. 1927
Winder, Richard, B.Sc. ...	... 1920		
Winkworth, Mrs. S. R.		Yarborough, Winifrede, B.Sc. ...	II. 1933
See Learmonth, Janie		Yarwood, Edith, B.A. ...	II. 1932
Winstanley, Alice E., M.A. ...	II. 1905	*Yates, Doris E., B.Sc. (Mrs. Jackson) I. 1914	
Winstanley, Edith, B.Sc.		Yates, Elsie, B.A. ...	II. 1929
(Mrs. T. Kelly) I. 1930		Yeoman, Kathleen C., B.Sc. ...	II. 1932
Winstanley, Gertrude, B.Sc.		Yoffey, Taube, B.A. ...	II. 1927
(Mrs. Emson) II. (1) 1915		*Youle, Edna, B.A. ...	II. (2) 1922
Winstanley, Mabel A., B.A. ...	II. 1927	Young, John, B.Sc. ...	II. 1926
Winstanley, Martha A., B.Sc. ...	II. 1933	Young, Robert, B.Sc. ...	II. 1911
Winterbottom, Fred, B.Sc. ...	I. 1931	Younie, Mrs. See Jackson, Alice	
Wise, C. G., B.Sc. ...	II. 1927		

\* Secondary Branch.

† Distinction.

## Certificates.

NOTE.—For list of **TEACHERS' CERTIFICATES**, see *Calendar*, 1914-15, pages 926—928.

For lists of **CERTIFICATES** awarded before 1933, see previous *Calendars*.

SESSION 1932-33.

### FACULTY OF ARTS.

#### CERTIFICATE IN ARCHITECTURE.

1933 Buttrick, W. T.  
Speakman, H. G.  
Taylor, Harry

### FACULTY OF SCIENCE.

#### CERTIFICATE IN ENGINEERING.

1933 Kurup, P. K.  
Tsolakides, D. M.

(In addition to students who pass the examination for the Certificate only, all graduates who have obtained the ordinary degree of B.Sc. in Engineering, or the degree in the Honours School of Engineering, are held to have satisfied the requirements of the Certificate regulations.)

### FACULTY OF MEDICINE.

#### CERTIFICATE IN SCHOOL HYGIENE.

1933 McLennan, W. A., M.B., Ch.B.

#### CERTIFICATE IN FACTORY HYGIENE.

1933 Newton, V. A., M.R.C.S., L.R.C.P.

### FACULTY OF COMMERCE AND ADMINISTRATION.

#### CERTIFICATE IN PUBLIC ADMINISTRATION.

1933 Hunter, Mary

### FACULTY OF THEOLOGY.

#### CERTIFICATE IN BIBLICAL KNOWLEDGE.

1933 *Clarke, Harold *Darvill, Ralph **Duckworth, Frank *Epstein, Harry *Gunn, W. G. D.	**Harrnon, Marjorie E. *Holgate, Clifford ††McQuillan, Thomas †Williams, Arthur
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\* Satisfies requirement (4) for Certificate in Theology.

† Satisfies requirement (5) for Certificate in Theology.

#### CERTIFICATE IN THEOLOGY.

1933 Western, Wilfred (with Distinction in Church History, and with Psychology of Religion as an additional subject).

FACULTY OF TECHNOLOGY.

CERTIFICATE IN TECHNOLOGY.

*Textile Chemistry.*

1933 Baker, C. T.

*Municipal Engineering.*

Hannay, G. B.

*Textile Industries.*

Stewart, Ernest

FACULTY OF EDUCATION.

CERTIFICATE FOR TEACHERS OF THE DEAF.

*Class II.*

1933 Dickinson, Dorothy S.

Jagger, Kathleen M., B.A.

Johnson, Eileen M., B.Sc

Maxwell, Margaret, M.A.

Pargeter, Helen E.

Rule, May S., B.A.

Sibley-Haycock, Nancie V., M.A.

Sturman, Rose H.

Swanwick, G. R.

Watson, Thomas, B.A.



## Honours Schools.

N.B.—The numbers preceding the names indicate holders of Fellowships, Scholarships, &c., as follows: <sup>1</sup> University Fellow. <sup>2</sup> Langton Fellow. <sup>3</sup> Bishop Berkeley Fellow. <sup>4</sup> John Bright Fellow. <sup>5</sup> Jones Fellow. <sup>6</sup> Faulkner Fellow. <sup>7</sup> Beyer Fellow. <sup>8</sup> Vulcan Fellow. <sup>9</sup> Hon. Research Fellow. <sup>10</sup> University Scholar. <sup>11</sup> Graduate Scholar (Old Regulations). <sup>12</sup> Derby Scholar. <sup>13</sup> Mercer Scholar. <sup>14</sup> Exhibition (1851) Scholar. <sup>15</sup> R. Platt Zoological and Botanical Scholar. <sup>16</sup> Gilchrist Modern Language Student. <sup>17</sup> Derby Exhibitioner. <sup>18</sup> Derby Prizeiman. <sup>19</sup> Mercer Prizeiman. <sup>20</sup> Leblanc Medallist. <sup>21</sup> Schunck Fellow. <sup>22</sup> Mark Stirrup Scholar. <sup>23</sup> Graduate Bursar in Education. <sup>24</sup> Schuster Research Scholar. <sup>25</sup> Leech Fellow. <sup>26</sup> Advanced Student in Education. <sup>27</sup> Travelling Scholar in Architecture. <sup>28</sup> (1851) Exhibition Industrial Bursar. <sup>29</sup> Industrial Research Scholar. <sup>30</sup> University Research Fellow in Arts. <sup>31</sup> Jevons Student. <sup>32</sup> Lewis's Scholar in Commerce. <sup>33</sup> Sir Clement Roys's Scholar (New Regulations). <sup>34</sup> (1851) Exhibition Senior Research Student. <sup>35</sup> R. Platt Physiological Scholar. <sup>36</sup> Osborne Reynolds Fellow. <sup>37</sup> Mark Stirrup Prizeiman. <sup>38</sup> Harling Fellow. <sup>39</sup> Darbshire Fellow. <sup>40</sup> Bishop Harvey Goodwin Scholar. <sup>41</sup> Samuel Bright Scholar. <sup>42</sup> Drummond-Fraser Fellow. <sup>43</sup> Langton Bursar. <sup>44</sup> Zimmern Travelling Fellow.

(The names in each class are in alphabetical order.)

### CLASSICS.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1884 J. J. Perkins..... Owens	R. M. Pope ..... Owens	J. A. Meeson ..... Owens
1885 .....	.....	A. R. Alvarez..... Owens
1886 .....	J. D. Jones..... Owens	Florence Acton... Owens
		B. N. Atkinson ... Owens
1887 .....	V. E. Marsden ... Owens	W. D. Wright ... Owens
1889 Alice Crompton ... Owens	J. H. Waddington Owens	Edith Johnstone Owens
	<sup>2</sup> Heinrich Walder Owens	E. J. Libbey ..... Owens
1890 A. S. Kidd ..... Owens	.....	Fanny C. Beaumont Univ.
		A. F. Alcock ..... Owens
1891 .....	C. F. Richardson Owens	L. P. Anderson... Univ.
		M. Beatrice R. Ledward Owens
1892 <sup>10</sup> L. D. Barnett ... Univ.	Edward Shillito.. Owens	Mary Barrett ... Univ.
		Ethel Robinson.. Owens
1893 <sup>10</sup> John Maxwell ... Owens	.....	J. W. Isherwood.. Owens
		Percy Raby ..... Owens
1895 <sup>10</sup> Ethel R. Faraday Owens	Norah M. Doman Owens	.....
1896 .....	Kath. Blackledge Univ.	R. E. Roper ..... Owens
	A. T. Strong ..... Univ.	
1897 <sup>10</sup> Edward Wooll ... Univ.	S. E. Evans..... Owens	Irene Burn ..... Univ.
	Edith M. Platt ... Univ.	Mary Honeyburne Univ.
1898 Herbert Lakin ... Owens	G. J. Clemens..... Owens	.....
	C. M. Inlach ..... Univ.	
	R. A. Smith..... Owens	
1899 <sup>10</sup> J. M. MacGregor. Univ.	Ethel T. McKnight... Univ.	F. P. Powell ..... Owens
H. S. Sircom..... Owens	Eva C. Postance.. Univ.	
1900 .....	P. C. Green... Univ.	E. C. Yates ..... Owens
1901 <sup>10</sup> D. N. Hebblethwaite . Univ.	Ethel A. Haughton..... Owens	Mary Hartley ... Owens
	J. L. Radcliffe..... Univ.	
	T. V. Tweedy ..... Owens	
1902 <sup>10</sup> Isaac Kandel... Owens	Ruth Taylor ..... Owens	Walter Robinson Univ.
1903 F. T. Millington.. Owens	C. H. Brown .... Univ.	Ethel M. L. Elliott Owens
	D. S. Sharp..... Owens	
	A. D. Thorburn... Univ.	
1904 <sup>10</sup> H. R. Singleton . Manc.	.....	.....
1905 Martin Kraus	Alice M. Gowan	.....
	Mary E. Taplen	.....
1906 <sup>11</sup> Gwladys Llewellyn	J. L. Howson	.....
	Winifred A. Stocks	
	Winifred D. Woollan	
1907 <sup>11</sup> Sarah E. Jackson		Norah Hanna
<sup>11</sup> A. F. Johnson		Alan Stevenson
<sup>11</sup> Constance M. Watson		

## CLASSICS—continued.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class</i>
1908 Esther Grosland <sup>11</sup> Effie Watson	F. H. Craven Amy Greenhalgh Jemima Nicholson Carleton Thompson	Margaret S. Mills
1909 Ethel Bailey	Helen L. Chaffers D. C. Foster	.....
1910 Jessie Wright	Maggie Bleakley Gilbert Coates Gladys N. Dixey Ellen M. Jackson Edna Wadsworth	F. C. Singleton F. H. Sloanan
1911 <sup>11</sup> Eleanor Rhodes	G. S. Fawell Elizabeth R. Finlayson Hilda Livesey Blanche Strachan Emma Sutcliffe	Frank Andrews Lawrence Redfern
1912 <i>Division I.</i> <sup>11</sup> Theresa M. Browne <sup>11</sup> Mary A. B. Herford <i>Division II.</i> Nora Simon	<i>Division I.</i> Isabel A. Ashton Louis Rosenberg	.....
1913 <sup>11</sup> H. H. Crabtree	<i>Division I.</i> George Glasgow Sarah M. Howarth Frances A. Lodge Anice Wolstenholme <i>Division II.</i> Frank Ashworth Mabel Briscoe	Dorothy H. Creyke F. A. Harrison Ellen C. Nightingale
1914 <sup>28</sup> Jessie S. Davis <sup>11</sup> S. D. Sedgley <sup>11</sup> Florence Whitehead	<i>Division I.</i> R. W. Crook Ada Stevens <i>Division II.</i> C. N. Worden	Maria M. D. Willis
1915 <sup>11</sup> Percy Dorrington	<i>Division I.</i> Judith Jacobs	Amy L. Wood
1916 .....	<i>Division II.</i> Tom Rowley R. L. Taylor	Elsie G. Beddow Luther Crabtree
1917 Elsie Hancock	<i>Division II.</i> E. H. W. Conway	Irene M. Challenor
1918 <sup>6</sup> <sup>11</sup> Madeleine E. Lees	<i>Division I.</i> Hilda M. Woodall <i>Division II.</i> Phyllis M. Pritchard	...
1919 <sup>7</sup> <sup>11</sup> Joshua Whatmough	<i>Division II.</i> Elaine Garbutt	...
1920 W. S. Booth Mary Howarth C. A. Humphries	<i>Division I.</i> Alan Dobson	..
1921 <sup>11</sup> T. M. Gribbin Lucy M. Key	.....	.....
1928 <sup>24</sup> <sup>25</sup> H. M. Phillipson	<i>Division I.</i> C. L. Mitton	..
1929 .....	<i>Division I.</i> J. N. Briscoe E. S. Edees Margaret N. Marshall	.....
1930 Margaret W. Pollard M. W. Pritchard	<i>Division I.</i> A. F. Blair Edith A. Kay <i>Division II.</i> William Smith Muriel C. Walker	.....

## CLASSICS—continued.

	<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1931	.....	<i>Division I.</i> A. R. B. Lyman R. G. Steven	.....
1932	Mair E. Jones	<i>Division I.</i> Marion G. Chorley Constance E. Hodgkinson	.....
1933	Beryl M. Collingwood	<i>Division II.</i> Anys A. Healey <i>Division I.</i> Henry McAleavy <i>Division II.</i> W. P. Barry T. A. Rigby	.....

## GREEK.

1922 <sup>74</sup>	<sup>85</sup> R. P. D. Thomas	<i>Division I.</i> Flora Susman	.....
1923 <sup>74</sup>	<sup>85</sup> J. A. Drescher	<i>Division II.</i> Lillie Gregory <i>Division I.</i> Samuel Chapman <i>Division II.</i> Doris I. Field	.....
1924	J. J. Atkinson Ida M. Brown Arthur Ingham	.....	.....
1925	.....	<i>Division I.</i> Elsie Birch	.....
1927	Annie Simpson	.....	.....
1928	.....	<i>Division I.</i> Dorothy Bache <i>Division II.</i> Mary Arnold G. W. Pring	.....
1931	Elsie Baxter	.....	.....
1933 <sup>85</sup>	Sylvia J. Gibson	.....	.....

## LATIN.

1931	.....	<i>Division II.</i> Ida M. Hebron	Kate M. Bahin N. P. Bentley
1922 <sup>84</sup>	<sup>85</sup> Doris I. Field	<i>Division I.</i> Marjorie Derbyshire Ruth Foster S. V. Pilkington Mary W. Smith	.....
	<sup>84</sup> Annie Watson	<i>Division II.</i> Bernard Cavanagh Samuel Chapman Annie M. Dempsey J. A. Drescher Annie Gaskell	
1928 <sup>84</sup>	Ida M. Brown	<i>Division I.</i> Lillie Gregory Winifred M. Proudlove <i>Division II.</i> H. C. Chapman Mary A. J. P. Kerr Flora Susman	H. H. Allen
1924	<sup>85</sup> Helen M. Briggs John Lever	<i>Division I.</i> Elsie Birch H. M. Hutchinson Godfrey Stott <i>Division II.</i> Constance M. Worsley	J. C. P. Stirling
1935	Cooper, Dorothy R. Stonex, N. T.	<i>Division I.</i> Majorie M. Abell J. J. Atkinson Arthur Ingham <i>Division II.</i> Mary E. O'Sullivan	.....

## LATIN—continued.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1926 Muriel Barratt *Annie Simpson	<i>Division I.</i> Edith M. Hudson Sarah Prescott Francis Walsh Mary Wilson <i>Division II.</i> Marion Lowe	.....
1927 . .	<i>Division I.</i> Mary Arnold <i>Division II.</i> Dorothy Bache L. W. Pring W. Taylor	...
1928 Irene A. Webster	<i>Division I.</i> Nora D. Mason Gertrude E. Weatherhead	R. J. Lansdale
1929 Muriel Pinner	<i>Division I.</i> Alice Balderstone Ada L. Baxter Mildred Brady Frances J. Hinchcliff Harriett O'Brien-Kelly <i>Division II.</i> Marjorie Beckett Alice Lodge	...
1930 Margaret Anderson Mary A. Badland Elsie Baxter Marjory A. Hall Daisy L. J. Orme	<i>Division I.</i> Ethel H. Job Frank Kay Elsie Leech <i>Division II.</i> Kathleen Kelly Gladys M. Whitehead Winifrid Wilkinson	.....
1931 .....	<i>Division I.</i> Thelma M. Baxter Muriel I. Shanks <i>Division II.</i> Esme S. Cooke Lillian Hulme Margaret J. Wrigley	Agnes Molloy Marjorie V. Walker Kathleen S. Webb
1932 Sylvia J. Gibson	<i>Division I.</i> Sarah E. Broadhurst Elsie Brooks Katherine M. Collinson	Charlotte W. Armitage Nancy B. Hunt Lilian Kahn R. K. Orchard Rachel D. Thompson Edna B. Williams
1933 .....	<i>Division I.</i> L. H. Dennis May V. B. Lacc Lorna A. Ruff <i>Division II.</i> Edna Ballance Nora Cottrell Nina Devons Josephine E. Kenworthy H. C. Rogers Gertrude M. Smith Lilian Tinn Dorothy J. Wood	Ellis Berry Mary L. Hall Nora C. Higson

## HISTORY.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1882 .....	*Robert Dunlop Owens. T. A. Walker..... Owens	.. .
1883 James Tait ..... Owens. Edward Talbot ... Owens.		.....

## HISTORY—continued.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1885 .....	F. R. Roberts..... <i>Owens.</i> G. A. Wood... .. <i>Owens.</i>	.....
1886 <sup>a</sup> W. A. Shaw..... <i>Owens.</i>	C. E. Hecht .....	.....
	James Thorburn <i>Owens.</i>	
1887 .....	J. W. Bowman .. <i>Owens.</i>	.....
1888 .....	R. A. Mines..... .. <i>Owens.</i>	... ..
1889 J. E. Hutton..... <i>Owens.</i>	....	... ..
1890 <sup>a</sup> Alice M. Cooke .. <i>Owens.</i> Sarah Melhuish ... <i>Univ.</i>	Adelaide Trevor.. <i>Owens.</i> Sarah B. Williams <i>Univ.</i>	.....
1891 H. S. Perris .....	Elizabeth A. MacGowan <i>Owens.</i> W. H. Stables ... <i>Yorks.</i>	F. E. Taylor .....
1892 <sup>1</sup> <sup>5</sup> W. E. Rhodes ... <i>Owens.</i>	J. F. Crabtree ... <i>Owens.</i> P. T. Fairbrother <i>Owens.</i> W. H. Satter- thwaite <i>Owens.</i>	.....
1893 <sup>10</sup> J. R. B. Muir..... <i>Univ.</i>	H. W. Clemesha.. <i>Owens.</i>	... ..
1894 .....	<sup>10</sup> Thomas Bateson <i>Owens.</i> Christine Handley <i>Univ.</i>	.....
1895 <sup>10</sup> Ellinor L. Broadbent <i>Univ.</i> <sup>5</sup> <sup>10</sup> Mary Johnstone <i>Owens.</i>	... ..	... ..
1896 .....	J. M. Bass .....	F. A. Haworth ... <i>Owens</i>
	Chas. Chapman... <i>Owens.</i> C. B. Ferguson ... <i>Owens.</i> Ellen M. Roberts <i>Owens.</i> L. B. Wood..... <i>Owens.</i>	
1898 <sup>5</sup> <sup>10</sup> Mary M. Newett <i>Owens.</i>	Gertrude Bourne <i>Owens.</i> Sarah Potts .....	T. T. James ... <i>Owens.</i>
	Lila A. Stenart... <i>Owens.</i>	
1899 <sup>1</sup> <sup>10</sup> F. M. Powicke <i>Owens.</i>	Kate Blackstock.. <i>Owens.</i> Annie M. Clark .. <i>Owens.</i>	... ..
1900 <sup>10</sup> J. J. Bell .....	Ernest Broxap ... <i>Owens.</i>	Mabel A. Elliott <i>Owens</i>
F. W. Skenup .....	E. H. Lawrence... <i>Owens.</i>	
<sup>1</sup> <sup>5</sup> <sup>10</sup> Elizabeth Speakman <i>Owens.</i>	T. W. Scholes ... <i>Yorks.</i>	
1901 <sup>10</sup> C. F. Lumby .....	<sup>10</sup> Eva Dodge ... .. <i>Owens.</i> Taylor Dyson ... <i>Owens.</i> Ada Russell..... <i>Owens.</i>	H. R. C. Birley ... <i>Owens.</i> J. A. Wilson .....
1902 <sup>10</sup> Edith M. Blevin <i>Univ.</i>	Mordecai Epstein <i>Owens.</i> Dorothy Holme .. <i>Owens.</i>	.....
1903 <sup>1</sup> <sup>10</sup> A. H. Baker... .. <i>Owens.</i> <sup>1</sup> <sup>5</sup> <sup>10</sup> Hilda Johnstone <i>Owens.</i> Herbert McLachlan <i>Owens.</i> <sup>5</sup> <sup>10</sup> W. T. Waugh ... <i>Owens.</i>	J. A. Dewa ... .. <i>Owens</i>	... ..
1904 Jessie D. Clarkson .....	W. H. Davis ... .. <i>Leeds.</i>	J. G. Altham .....
1905 <sup>2</sup> <sup>5</sup> <sup>11</sup> Arthur Jones	Marjorie Cooper J. W. Graham Elsie M. Redfearn	.....
1906 .....	L. D. Agate Gwladys Evans Emma E. Titterington	.....

## HISTORY—continued.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1907 .....	E. G. Bearn <sup>a</sup> Lila B. Dibben Ada Neild Sidney Salomon H. J. Twynham	G. R. H. Nicholson
1908 S. W. Jones	Harry Boulton R. B. Knott Jane A. McClymont	Mabel M. Barber Sarah Matthias S. O. Moffet
1909 <sup>2</sup> <sup>12</sup> Mark Hoveli	Martha Ashton H. A. Beaton Harry Cammack P. F. Horton <sup>a3</sup> Jessie M. Parish Elizabeth Penney	Elsie I. V. Bryant
1910 <sup>2</sup> <sup>12</sup> V. H. Galbraith H. T. Pickles <sup>a</sup> <sup>6</sup> <sup>12</sup> A. E. Prince Grace E. Simon	J. F. H. Beddow Alice M. P. Byrne Gladys M. Emerson <sup>a3</sup> Gertrude Quinn	Robina Y. Craig Dora K. Royle A. A. Sneath
1911 <sup>12</sup> F. R. Barnes	Clara Atherton R. B. Barker Margaret Curtis Barbara M. Garrard Theodora Pitt W. A. Wildblood Mabel H. N. Woodcock	Dorothy Greaves Maud Gregory
1912 Sydney Phillipson	H. L. Beales Gladys May Prydderch Edith Rodgers William Shaw Edgar Waterhouse	
1913 <sup>a3</sup> L. H. Gilbert <sup>12</sup> Harold Kay	<i>Division I.</i> R. H. Pilling G. M. van der Veen B. A. Westphal Ellen C. Wilkinson <i>Division II.</i> S. J. Davie Arthur Fulton Evelyn Miller Jennie M. Potter Ethel M. Thompson	Ethel Brough Jean Macpherson
1914 .	<i>Division I.</i> R. H. Bedford Lizzie Brunskill F. S. Cook Margaret A. Hall Annie Lees T. P. Spencer Dorice E. Worsick <i>Division II.</i> Dorothy Butterworth Fanny Rubinstein	Alice P. Brooks Lydia Hall Irene Scott
1915 <sup>a</sup> <sup>12</sup> Arthur Redford	<i>Division I.</i> Dorothy L. Davies Dorothy Evans Florence Simmonds Harland Watts <i>Division II.</i> Myrtle Child Dorothy V. Collier Margaret F. Dibben Elsie Foster May M. Hunter Florence M. Williams	

## HISTORY —continued.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1916 .....	<p><i>Division I.</i> Eva M. Boodie E. H. Dance Betty Farrow Mary Thomas</p> <p><i>Division II.</i> Catherine H. Henderson Emma Manton Elizabeth Ormerod Rachel F. Pearson Jane R. Pollard Nellie B. Yates</p>	.....
1917 <sup>a</sup> <sup>11</sup> Florence M. G. Evans <sup>a</sup> <sup>11</sup> Cecilia B. Mackintosh Doris M. Walker <sup>a</sup> <sup>11</sup> Sophia Weitzman	<p><i>Division I.</i> Nora Bateson Ralph Beard Nancy M. Lowe Evelyn B. Wells</p> <p><i>Division II.</i> Mabel Fleming Marian S. Garside Mary B. Gifford</p>	.....
1918 <sup>11</sup> Alice Jackson Marjorie Lewis <sup>a</sup> <sup>11</sup> Margaret Tout	<p><i>Division I.</i> Margaret M. Ashton <sup>a</sup> <sup>11</sup>Doris N. Chew K. I. P. Martin Freda Oppenheim Margaret R. Sackur</p> <p><i>Division II.</i> Annie E. Davenport Edith Provost Lizzie Taylor</p>	.....
1919 <sup>11</sup> H. E. O. James Phyllis J. Mudie	<p><i>Division I.</i> Annie Bradley Constance V. Bradley <sup>a</sup> <sup>11</sup>Dorothy M. Broome Mary E. I. Edwards Dorothy Haigh Mabel Phythian Elsie L. Williams</p> <p><i>Division II.</i> Winifred M. Fox Dorothy I. Moore Ida K. Walker</p>	Clarice Vaughan Eva Walling
1920 .....	<p><i>Division I.</i> Doris M. Bridge Eric Emmett <sup>a</sup> <sup>11</sup>M. V. Gregory Louisa Roberts Edith Spencer Hilda K. Wakeham <sup>a</sup> <sup>11</sup>Bertie Wilkinson F U Woods</p> <p><i>Division II.</i> Margaret Moore Mary Tattersall</p>	Gladys Duguid Catherine M. Geake Doris S. Hulme

### HISTORY—*continued.*

*Second Class.*

### Division 1

J. E. Arden  
 5 6 23 Arthur Aspinall  
 Kathleen E. Basford  
 C. C. Bracewell  
 Norah Carter  
 R. M. Hedley  
 G. B. Jackson  
 W. H. Mounsey  
 Phyllis Sharp  
 23 W. W. Spedding  
 George Taylor  
 David Weitzman  
 John Wood

*Division II.*

Harriett A. Anderson  
Eva Boon  
F. S. Dixon  
Eva Grice  
Mary Studholme  
W. C. Taylor

## Division I.

**F. L. Beck**  
**W. A. Cane**  
**Mary E. Chambers**  
**J. A. Darbyshire**  
**Catherine M. J. A.**  
**Dobson**  
**George Goodall**  
**Doris M. Hindson**  
**W. K. Hunt**  
**Phyllis M. S. Lamb**  
**Frank Mitchell**  
**W. F. Mumford**  
**Florence Roscoe**  
**G. W. Stafford**  
**Moses Tyson**  
**Alice M. Whitmore**

## Division II.

Winifred Blamire  
W. S. Broster  
Hilda M. Bunting  
Amy Clitheroe  
C. E. Gill  
Mary A. Greenwood  
Ann A. James  
H. B. Jones  
R. W. Marsh  
Laura M. Midgley  
J. B. Nelson  
D. O. Parker  
Ethel Provost  
Dorothy E. Scholes  
Edgar Stephenson  
Kathleen M. Stooke  
Winifred Vity  
C. J. J. Watson  
Alfred Wilson

### Division I.

Hazel E. Boothman  
S. M. Houghton  
J. S. Rhodes  
Amy Teece  
J. B. Whitehead

## Division II.

Ethel M. Anders  
Florence Banks  
Mabel L. Clift  
Ethel Lister  
May B. Lord  
Dorothy McIntyre  
D. H. MacLean  
Bertha Ridvard

*Third Class.*

Linda Barton  
Herbert Chant  
Beatrice H. Connor  
Marjorie A. Thexton  
Alice Walker

Will Ashworth  
H. B. Brayford  
Thomas Chadwick  
Edith Gunson  
Bertha Lee  
Mostafa Makhloof  
Alice M. Topham

Margaret M. Ashworth  
George Eckersley  
Rachel Ireland  
Jessie Lancashire  
Muriel Roper  
Eveline Sudworth



## HISTORY—continued.

*First Class.*

- 1924 L. J. Hobbs  
 Elizabeth A. W. Kinsey  
 Ellen Roberts

*Second Class.**Division I.*

- Elsie S. Bernhardt  
 Mary E. Broxap  
 Kathleen M. Hill  
 Annie Marks  
 William Roby  
 Hilda E. Wilson

*Division II.*

- Phyllis M. Bottomley  
 Amy Bullock  
 Alice A. Causey  
 Emily Cottam  
 Kathleen M. Eastwood  
 Margaret Foy  
 Elsie Hannam  
 Dorothy Hargreaves  
 Marion Hindmarch  
 Doris M. Keen  
 Evelyn M. Kinsey

*Division I.*

- Mary E. Beggs  
 Annie Buckley  
 Stanley Eickersley  
 A. R. Byre  
 A. S. Fenby  
 John Grundy  
 John Lunn  
 Gwenllian C. Ransom  
 C. E. Wiles

*Division II.*

- Beatrice S. Bowden  
 Muriel E. Clitheroe  
 Hilda F. Dalby  
 Marjorie Dinnis  
 Joyce M. Foden  
 Alys L. Gregory  
 Hilda M. Hallows  
 Mary J. Lee  
 Dorothy Lewin  
 Amy A. Madelly  
 Esther A. Michael  
 Evelyn M. C. Orford  
 W. S. Riley  
 Lucy M. Round  
 Vera Smith  
 Winifred Story  
 Marcelle W. Sugden

*Division I.*

- Marjorie Clitheroe  
 John Duffy  
 Sylvia H. Hyde  
 Dorothy Kemp  
 Jane Moulton  
 Margaret E. Park  
 Rosamund K. Pierson  
 Harry Roberts  
 Mabel M. Slaney

*Division II.*

- Mary Balderstone  
 Helen Brady  
 Ethel Burgess  
 Olive Compton  
 Maureen B. Cowan  
 Constance M. Davey  
 Christabel M. Dean  
 Marion Duckworth  
 Reginald Gowanlock  
 W. C. Hedley  
 Freda L. Hollas  
 Eleanor M. Mayers  
 Christina Mulrooney  
 Kathleen Roulson  
 Marjory Tomblin

*Third Class.*

- Gilbert Chadwick  
 Florence R. Goodhall  
 Edna Hall  
 Madge Halliwell  
 Alice McDermott  
 Ethel Norris  
 Lesley Northrop  
 Eileen Rogers  
 Wilfred Whalley  
 Elizabeth M. M. Zucker

- Katherine H.  
 Gordon Owen

- 1925 Tom Robinson  
 Harry Rothwell

- 1926 Arthur Hughes  
 P. D. Martyn

- Margaret A. Hilton  
 Osmond Kelly  
 Winifred A. Owen  
 Hilda M. Pearce  
 F. R. Schofield

## HISTORY—continued.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1927 .....	<i>Division I.</i> T. W. Byrne E. H. Graham Wesley Hewitt Bertha Lord Mary M. Rothwell Constance M. E. Walters  <i>Division II.</i> Beatrice M. Gould C. S. Hilditch Jessie D. Hodgkiss Renée C. Holland Margery L. Hoyle Edith Malley Cecil Patterson Elaine Peeling Alice I. Waring Margaret Wright	Charles Hart E. H. Pearson
1928* <sup>35</sup> Kathleen H. Holden W. G. Weston	<i>Division I.</i> H. G. Arnold C. C. Bayley Eileen K. Fitzgerald Arthur Glencross A. C. Hartley Mary M. Hobson Nora A. Jones Marie Simms  <i>Division II.</i> Sarah Cohen Muriel I. Foster Fred Kenworthy Robert Law Harry Margerison Marion S. Middlewood H. N. Moulding Freda Nutter W. H. Seniper Annie M. Sharpe Nellie Slater	Kathleen Knowles
1929** <sup>36</sup> Cyril Ward	<i>Division I.</i> Joseph Carruthers Thomas Kelly J. S. Leatherbarrow Alice Lucas H. J. McLachlan Annie L. Niven Mary Provost Mary C. Rixon Margaret G. Wilkinson  <i>Division II.</i> Dorothy Goodreid D. C. Johnston David Plinston May H. Scandrett Drusilla V. William Edith Winstanley Audrey A. Yates	E. G. Manby Olwen E. Salusbury-Jones Mary Tomlinson
1930* <sup>35</sup> F. D. Hodgkiss Harold Richardson <sup>48</sup> L. V. Sumner Dorothy E. Whiteley	<i>Division I.</i> T. S. Atkinson Hilda M. Eastwood J. A. Edwards Nellie Kitchen Mary H. Prince Marion Sykes E. W. Wallbank	Reta W. Brown Phyllis M. Crawshaw F. W. Foster Marion Slater

## HISTORY—continued.

	<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1930		<i>Division II.</i> Margaret C. Duncan Grace R. Fawcett J. W. Lightfoot Sheila S. McKay Alice K. Munro Edna M. Potter Mabel Stewart Norman Sunderland Frank Taylor Enid M. Treharne	
1931	*C. B. Elliott **William Mather *Ina S. Russell	<i>Division I.</i> A. G. Barnes Bridget G. Carroll Ruth E. Fairweather Marian Hepplestone George Irving Marion Roberts Geoffrey Stead Marjorie I. Whittaker  <i>Division II.</i> N. E. Bromiley J. H. Drury Muriel Eyers J. B. Findlow H. E. Gaul Marianne E. Goodwin E. R. Long Winifride McGough W. S. Martin Lillie Robinson	J. H. S. Pickford Dorothy Redford J. H. Whiteley
1932	Elsie Farrar Marion H. Tomlinson	<i>Division I.</i> G. W. Ingham Ruth E. Johnston Marie Jones R. S. Kay Joseph Lester F. M. Prendergast Annie Slinger T. K. Smith Norman Walmsley  <i>Division II.</i> Dorothy D. Fielding Evelyn Linton Lillian A. Mottram Winifred M. Raper Barbara T. Simpson	J. H. Greenwood
1933	C. M. Owen J. S. Roskell **Fred Williamson	<i>Division I.</i> E. P. Bramfit Catharine M. Diamond Roy Elliott Doreen R. Hirst Harold Hopwood Hilda Lofthouse Margaret E. Ward  <i>Division II.</i> Mildred E. Barlow Helen G. Clegg Mary F. Coogan Annie Haggas Winifred M. Holden Richard Rigby	K. M. Keeley Hilda Lawton

## ENGLISH LANGUAGE.

1885<sup>a</sup> \*Fred Harsley ... Owens.  
 \*E. W. Rhodes ... Owens.

.....

.....

## ENGLISH LANGUAGE AND LITERATURE.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1896 .....	Ursula Holme ... <i>Owens.</i> <sup>10</sup> S. B. C. Ross..... <i>Owens.</i>	... ..
1897 <sup>10</sup> Lucy W. Faraday <i>Owens</i> + <sup>10</sup> Lilian Winstanley <i>Owens.</i>	C. R. Lewis .... <i>Univ.</i>	... ..
1898 Eliza Bygott ..... <i>Owens.</i>	Cecil M. R. Callender <i>Owens.</i> H. J. Rossington <i>Owens.</i>	.....
1900 <sup>4</sup> <sup>10</sup> Josephine Laidler <i>Owens.</i>	Mabel Boon .. <i>Owens.</i> <sup>10</sup> Elizabeth Needham <i>Owens.</i>	... ..
1901 .....	<sup>4</sup> Elizabeth Parker <i>Owens.</i>	... ..
1902 <sup>4</sup> Margaret Dickin <i>Univ.</i> <sup>11</sup> Irene F. Williams <i>Univ.</i>	...	... ..
1903 .....	T. O. Hirst . ... <i>Univ.</i> Helen M. Hooper <i>Owens.</i> Mary Reynolds .. <i>Owens.</i>	.....
1904 <sup>6</sup> <sup>10</sup> A. R. Skemp ... <i>Manc.</i> <sup>4</sup> <sup>10</sup> Osborn Waterhouse <i>Leeds.</i>	Maurice Denby <i>Leeds.</i> S. H. Elliott .... <i>Leeds.</i> Elizabeth Harrison <i>Manc.</i> Frank Hepworth <i>Leeds.</i> Nissim Lisbona . <i>Manc.</i>	S. H. Edmonds .. <i>Manc.</i> Marion Hawcrige <i>Manc.</i> Ella D. Macdonald <i>Manc.</i> Edith A. Robinson <i>Manc.</i> Ethel Winstanley <i>Manc.</i>
1906 H. C. Duffin	Eva M. Newton S. J. Woodall	.....
1907 .....	.....	John Broadbent
1908 Isabel M. S. Macpherson	<sup>4</sup> Mary H. Deakin <sup>4</sup> Margaret A. Dobson Eleanor G. Mellor Evelyn D. Scott Ethel Speakman Mary I. White Pattie E. Wilkinson	.....
1909 <sup>11</sup> Margaret W. Macalister	Isaac Jackson Ethel Thomas Mabel Whitaker	Elizabeth Graham
1910 W. E. A. Harris <sup>4</sup> <sup>11</sup> Laura A. Lomas <sup>11</sup> J. D. Wright	D. A. Mackenzie	Constance O. Stenhouse
1911 <sup>6</sup> <sup>11</sup> Hartley Bateson Flora E. McGregor	Frederick Critchley Henry Lindsay A. L. Ralphs R. S. H. Richards A. K. Wilson	Edith M. Isaac Emily Porter
1912 Peter Haworth <sup>6</sup> <sup>11</sup> Agnes Strawson	Frances H. Ashley W. M. Hawthornthwaite Jennie O'Neill John Willatt	H. S. Grimshaw L. du G. Peach
1913 .....	E. S. Barber Vera Calverley F. H. Lee Helen S. Moss Harry Proudfoot Hannah Riley	Lillian H. Baxter T. C. Elliott R. E. Gibson Katie Mason G. H. Nadder Isabel Seddon
1914 Mary A. Ellis <sup>4</sup> <sup>11</sup> Marie Muncaster	<i>Division I.</i> Winifred Ayres <i>Division II.</i> Lily Nicholas William Tirrell	Mary L. Ogden

ENGLISH LANGUAGE AND LITERATURE—*continued.*

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1915 <sup>11</sup> Philip Heap <sup>11</sup> Elsie R. Wilkinson <sup>a</sup> Amy Woodward	<i>Division I.</i> J. C. Clenton O. E. Eekersley <sup>a</sup> Janet M. Wragg <i>Division II.</i> Mary M. Roberts	Ethelwyn Haigh Elsie G. Morrow
1916 <sup>a, 11</sup> Mabel Jones	<i>Division I.</i> Hilda Burgess <sup>a</sup> Dorothy Hardaker Bessie Horrocks Ethel Menzies Sarah J. Rainford	May Blakeley Ruth C. Cooper
1917 Mary A. Robson	<i>Division I.</i> <sup>a</sup> Martha H. Dobson Doris Phillips Katherine E. Schippers <sup>a</sup> Gertrude Smith Esther T. Thomas <i>Division II.</i> Theodora Bond Ellen Provost Elsie H. Towler	Phyllis Stafford
1918                   ... ..	<i>Division I.</i> Ida M. Hutchinson Elizabeth M. Richards Linda Stubbs Ethel Wainman <i>Division II.</i> Constance M. Fisher	.
1919 <sup>11</sup> Janie Campbell <sup>1</sup> Elsie Simmonds	<i>Division I.</i> Lucy Ashton Hannah Bennett Myfanwy W. Jenkins <sup>a</sup> Marjorie P. Jones Constance M. Roe.	.....
1920 <sup>11, 30</sup> Priscilla G. Gorton <sup>11, 30</sup> R. D. Waller	<i>Division I.</i> Annie C. Patterson <i>Division II.</i> Mabel Lancashire Edna Schofield	Edith James Edith C. Newell Ernest Pilling Gertrude M. Wright
1921 Freda M. Anderson <sup>11</sup> Caroline A. Lejeune	<i>Division I.</i> Charles James R. E. Swire <i>Division II.</i> Gladys J. Bradley Doris Jacques	Edna Youle
1922 <sup>a</sup> Geoffrey Bullough <sup>31, 35</sup> John Barnshaw Annie E. Potts <sup>a</sup> Lucie I. Street	<i>Division I.</i> L. S. Harris Rachel Leon Winnie M. Shaw S. A. Smart Kate Simmonds <i>Division II.</i> L. G. Beddis T. A. Crossley James Holt J. C. McPhail Alberta I. Sanders Helen Seddon A. W. Thompson	Dorothy M. Broom Alice Nutter

## ENGLISH LANGUAGE AND LITERATURE—continued.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1923 Phyllis Beacall 4 34 35 Enid I. Glen Cecil Lord	<i>Division I.</i> Norah Foster Rachel Graham Thomas Halliwell Constance A. Leonard Mary Robinson Nera M. Smith Eleanor B. Watkin Cora Wintour <i>Division II.</i> Nora Barker Edith Bullough Annie Duffy Eva Harrison Dora Johnson E. H. W. Ross Marjorie Twist	Roland Eastwick Kilmeny Graham Elsie A. Lindores A. B. Richardson
1924 P. H. Allen 23 Millicent Holland Edith M. H. Richards 34 Annie Sim	<i>Division I.</i> Frances M. Ardern Dorothy Channell Ethel M. Moyle Eva M. Pearson Myrtle A. Young <i>Division II.</i> Margaret T. Adams Elizabeth R. Batty J. R. Chaplow Isabel Dack Hilda F. Dobson Lilian Douglas Mary Penney Marion Royle	.....
1925 34 35 J. P. Oakden 34 35 L. S. Pearson	<i>Division I.</i> Evelyn M. Campbell Vera Gaythrop Mary Ireland Doris B. Kindberg J. C. Mallison Helen A. Noar L. H. Oldfield Edward Ollerens Sarah O'Neill Una M. Orme Beatrice Webb <i>Division II.</i> Gwendoline Allard Sybil Cooke Marion Fildes Ada Parker Mabel Radcliffe	Eva M. Foster Dorothy M. Harrison Mary E. Hollings Evelyn Rhoden
1926 Margaret E. Black Ann Kirkman	<i>Division I.</i> Beatrice A. Baker Beryl Franks Muriel Green Muriel P. Greenwood Emily M. Kenyon Agnes D. McLulloch Elizabeth Ogden Mary Salmons Florence White <i>Division II.</i> Edna Cornelius Hilda Cowell Jessie Crossfield Ada Murtin Kathleen M. Martin Mary M. Miller Agnes Pearce Elsie Plinston	A. E. Binrose Doris M. Jones Mary T. Kirkup

ENGLISH LANGUAGE AND LITERATURE—*continued*.*First Class.*

1927<sup>34</sup> Florence Ashton  
 \*Marjorie Fidler  
 Harry Pashley

*Second Class.*

*Division I.*  
 Dorothy Allan  
 Kathleen M. B. Hay  
 Meta A. C. J. Hopkins  
 Edith M. Liptrot  
 Mary B. Lishman  
 Rachel N. Pearce  
 G. H. Thompson  
 Gertrude M. Turner

*Third Class.*

Nora Fieldhouse  
 George Tindall

*Division II.*

Millicent M. S. Baylis  
 John Cherry  
 Dora G. Cohen  
 Edith M. Dix  
 H. R. Eeroyd  
 Lily Firth  
 Phyllis M. Harris  
 Doris E. Heywood  
 Vera A. Jaques  
 S. M. Price  
 E. H. Wood

1928 Florence Hough  
 \*<sup>34</sup> \*<sup>35</sup> F. M. Worthen

*Division I.*

Dorothy S. Boothman  
 Joan W. Edmundson  
 Norman Furlong  
 Marjorie Gillmour  
 Dorothy Hallows  
 Mary Hargreaves  
 Agnes Holroyd  
 Marian A. Playfoot  
 Annie Smith

W. A. Gamm  
 Mabel E. Hudson  
 Ena B. Kennadjan  
 William Neate  
 Cyril Talbot

*Division II.*

Lena Booth  
 Florence Brunton  
 Annie B. L. Burt  
 Clara J. Connolly  
 Sallie Craggs  
 Phyllis M. Fitton  
 T. R. Frame  
 Dorothy Hodge  
 Mary Lansdale  
 Alice McCarthy  
 Victor Nelson  
 Bertha Slinger

1929<sup>34</sup> \*<sup>35</sup> Enid Wright

*Division I.*

J. L. Bilsborrow  
 Joan Chettle  
 Nancy M. Cridlan  
 Kathleen H. Culshaw  
 Emily M. Gaskins  
 Lucy M. Green  
 A. I. Hamwee  
 J. M. Hawthorn  
 Honor G. Hotchin  
 Elizabeth H. Johnson  
 Grace Robins  
 Donald Summerfield  
 Enid K. Swire  
 Phyllis P. Thornton  
 Norman Whitton

Edith Ashworth  
 Doris M. Clegg  
 Elizabeth R. Mackay  
 C. W. Pownall  
 Gwendoline A. M. Saxton

*Division II.*

J. E. Lindsay  
 Brigid M. McSweeney  
 Doreen A. Nicc  
 Kathleen F. Ross  
 Mildred Willson

ENGLISH LANGUAGE AND LITERATURE—*continued*.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1930 <sup>ss</sup> Gordon Baldwin	<i>Division I.</i>	Gwendoline Addis
<sup>ss</sup> Kathleen Gandy	Amy K. E. Bartlett	Ida Ashton
Robert Raper	Ronella M. Bramwell	Rose P. Bamford
William Stewart	A. R. Briggs	Sarah Beswick
	C. B. Burges	
	Marjorie M. Cooper	
	Mary Lally	
	Dorothy M. Latham	
	Elizabeth Law	
	Edith Livesey	
	Alan Sauvain	
	G. R. Steel	
	Marjorie Topham	
	J. S. Tudsbury	
	Jeanie Wilson	
	R. S. Woodall	
	<i>Division II.</i>	
	Winifred Andrew	
	Phyllis Cronkshaw	
	Eileen E. Goodyer	
	Beatrice A. Holden	
	Marion W. McLachlan	
	Mildred Rogers	
	Delia Thornton	
	Eileen M. Woodhead	
1931 Mary M. Findlay	<i>Division I.</i>	Max Lazorsky
<sup>ss</sup> Robert Metcalfe	Dora F. H. Baker	Betty Lewis
<sup>4</sup> <sup>ss</sup> B. A. Renshaw	Audrey L. Bullough	Eda Partington
	Alice Garfield	
	Marcella M. Hornan	
	Mary P. Lithgow	
	Eleanor J. Naylor	
	J. R. Rodbourne	
	Blanche M. Smith	
	Mary K. Taylor	
	Eric Wallace	
	R. W. L. Wood	
	<i>Division II.</i>	
	Mary G. U. Aitkenhead	
	Cecilia Carter	
	Joan H. Clarkson	
	William Glassey	
	Norah Humphreys	
	Marion E. Ibberson	
	Elizabeth M. Jones	
	Isla Parker	
	Frances E. Tootill	
	Mary Wainwright	
1932 R. G. Cummings	<i>Division I.</i>	Kathleen M. Jagger
<sup>ss</sup> Arthur Rigg	Margaret E. Aldred	Thomas Watson
<sup>ss</sup> J. L. Wood	John Byrne	
	Mary I. Davenport	
	Natalie M. Grey	
	Mary Griffith	
	Lawrence Smith	
	Sara E. Sykes	
	Elizabeth A. Taylor	
	J. R. Watts	
	Constance A. Welsh	
	Geoffrey Wile	
	<i>Division II.</i>	
	A. A. Angus	
	Mary D. R. Berry	
	Irene M. Biddulph	
	Evelyn Denard	
	Ethel Greenwood	
	Sylvia Hall	
	Sylvia Kenney	
	Kathleen C. Killip	
	E. D. Ratledge	
	Albert Sutcliffe	
	Harold Whutton	



ENGLISH LANGUAGE AND LITERATURE—*continued.*

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1933 Winifred J. Davis Geoffrey Farrington Kathleen M. Whitehouse	<i>Division I.</i> Margaret S. Barnes J. D. Hodgson Dorothy Johnson Myra Kendrick Alicia Kenyon Alice Kirkman Olive M. S. Pennington Jean Purcell A. R. Quinn Beryl H. Stimpson Margaret T. Wilcox Mary M. Williams  <i>Division II.</i> Isobel G. Appleby Edith L. Appleton Stanley Butterworth Mary Cutcliffe G. J. Evans Rose D. Hagan Kathleen M. M. Heap Thomas Higson Annie W. Johnston Gwen E. Jones-Williams Annie Laycock Leonora E. Lee Joan H. Newton Percy Snape Margaret Tiffany Margaret E. Wilkinson	W. T. Bedwell Gladys W. Seal Dorothy A. Shaw

## MODERN LANGUAGES AND LITERATURES.

1900 Jethro Bithell.....	Owens. F. E. Nuttall.....	Owens. ....
1901 Caroline M. Brown	Owens. Catherine A. Pitts ... Univ. Charles Polts ... Owens.	.....
1903 <sup>10</sup> J. D. R. Williams	Univ. T. A. Fish .. Owens. C. J. L. Holt..... Owens. Ethel M. Robinson Yorks. Ethel M. Stevenson Yorks.	
1903 .....	Amy P. Baynes .. Univ. Hilda M. Carter. Univ. W. B. W. Mann.. Yorks. C. B. Stockton ... Owens.	.....
1904 Millicent Airey ... Leeds. <sup>10</sup> Lillian L. Atkinson Manc.	Sarah A. Dodgson Leeds.	Hilda M. Raven ..Leeds.
1905 <sup>10</sup> Violet D. Adams <sup>11</sup> Emily H. Taylor	Annie P. Howitt Millicent Wadsworth Gertrude Wihl	Ernest Classon
1906 <sup>10</sup> Dora T. J. Bauerkeller	Mabel D. Peel	Eleanor M. Rothwell
1907 <sup>10</sup> Joseph Charnley <sup>11</sup> Adelaide Horrocks	Leonard Clarkson F. G. Harriman Margaret C. Paull	R. R. Edge
1908 <sup>11</sup> <sup>10</sup> Minnie J. Bell Mary Clayton <sup>11</sup> <sup>10</sup> H. G. Wright	Muriel A. Bedson Amy P. Green	Frances R. M. Sailman

MODERN LANGUAGES AND LITERATURES—*continued.*

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1909 .....	A. F. Lund Mary L. Rushton Kathleen A. Shepherd Margaret J. Welch	Clare Noreliffe Daisy Roberts
1910 .....	Amy Armitstead Henry Cardwell Catharine M. W. Davies <sup>1e 2s</sup> E. J. Hurst	Nora Ward
1911 <sup>11</sup> <sup>1e</sup> G. W. Glover	R. L. George Douglas McKillop Gertrude M. Powicke John Stirland Lena H. Stringer	Katherine B. Evans Jean R. McInnes T. C. Partington
1912 H. B. Morris <sup>e 11</sup> Arthur Walsh	Edith Bamber A. E. Bell Florence O'Brien J. W. Roberts	Winifred H. Higginbottom Edith A. Pickles

## FRENCH LANGUAGE AND LITERATURE.

1913 <sup>11</sup> A. J. Farmer J. L. Hampson <sup>11</sup> Joseph Marks <sup>e 11</sup> Albert Rose Harry Ward	Maria J. Ciceri T. S. Pinder Fred Roberts	Ruth Littlewood Lucy E. Wormell
1914 Edith Brown <sup>1e</sup> Lillian Klein <sup>e 11</sup> Kathleen A. L. Lambley <sup>11</sup> Emily Pawson	<i>Division I.</i> Charles Ashton Dorothy Jones <i>Division II.</i> Ethel Braithwaite <sup>2s</sup> Hilda Carr Fred Mansfield Dorothy Perry Gertrude M. Richardson Nesta E. Thomas	Aubrey Harris
1915 <sup>11</sup> <sup>2s</sup> Frederica Sullivan	<i>Division I.</i> Ida Cristow Elsie Crankshaw Winifred Glass Florrie Thorpe <i>Division II.</i> Winifred Barlow Elizabeth W. Birtwell Annie L. Clift Margery Crewe Nora F. Hartley	C. M. W. Davies H. H. Murgatroyd
1916 <sup>11</sup> Gladys M. Cooper Ursula Thomas	<i>Division I.</i> Maurice Oulger <i>Division II.</i> Elsie M. Donohue Constance M. Goodison Gladys M. Harling Ellen C. James Nora F. Louch Ethel M. Scott Conn Seddon Dorothy S. Smith	Gertrude Mielziner Doris Smith
1917 <sup>11</sup> Elsie Brindle Helen Calderbank Dorothy A. Connor Ida M. Mather	<i>Division I.</i> Edith C. Jackson Annie M. McIntyre Winifred M. Manners Eveline M. Taylor <i>Division II.</i> Dorothy M. McInnes	Annie M. Scott Annie Turner Pauline W. Vickery

## FRENCH LANGUAGE AND LITERATURE—continued.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1918 <sup>a</sup> <sup>11</sup> S. J. Eker Mary M. Ferguson	<i>Division I.</i> Phyllis L. Evans Margaret Whitoley Jessie Williams  <i>Division II.</i> Dorothy W. Bracegirdle F. E. Honsdale	Annie Wilkinson
1919 <sup>11</sup> Kathleen Gaukroger <sup>12</sup> Agnes J. McLellan	<i>Division I.</i> Edith Grimshaw Madeleine J. Levy Muriel B. Pye  <i>Division II.</i> Dorothy Brittain Avis Morphet Margaret Simpson	.....
1920 Lily Marks	<i>Division I.</i> Constance A. Booth Jane Dallimore Kate Grime Mabel H. Hatton Alice C. Hitchens Nellie Marlow  <i>Division II.</i> Olive M. Billant Leah Jacobs Dorothy Morahan	Isabel Chaffer
1921 <sup>a</sup> <sup>11</sup> J. P. Bowden <sup>12</sup> Dorothy Dowson <sup>13</sup> Eleanor D. Hall H. H. Jones Robert O. Roberts <sup>14</sup> <sup>12</sup> Marjorie M. Sansom	<i>Division I.</i> Barbara L. Edmondson <sup>15</sup> Albert Hyslop Fred Hyslop Lilian M. Turner  <i>Division II.</i> John Barber Florence K. Bell H. H. Chockley A. M. Hartley T. C. Heyworth Evelyn M. Merriman Helen Sharples	Frances Allott Mabel Carter Winifred E. Hand Ethel Hunsworth Louie B. Levy Janet T. McLellan Nellie M. Sharples Bertha E. Walwyn
1922 A. K. Hughes William Kay William Mather <sup>34</sup> <sup>35</sup> Walter Percival <sup>36</sup> <sup>38</sup> Kathleen H. Peters	<i>Division I.</i> Annie C. Carter Allan Clayton Julius Eker Muriel Hancock Freda Locker  <i>Division II.</i> Clara Bennett J. K. Bentley Grace R. Clarke Doris L. Cross Evelyn Dawson Leopold Rayman Norah Sharples J. E. Travis	Eleanor Bainbridge Lily Bottomley Ann Bretherton Maggie McKechnie Dorothy M. Sayer Harold Wood

FRENCH LANGUAGE AND LITERATURE—*continued*.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1923 Gladys Gilmour * <sup>a</sup> J. A. Kay	<i>Division I.</i> Edith A. Condliffe Janet D. Egerton Margaret M. Griffiths Mary C. Winstanley <i>Division II.</i> Jeanie I. Adam Mary N. Cardwell Kathleen Clarke Richard L. Crompton Muriel Harrison Dorothy Houghton Mary Monks	A. H. Ellerington Minnie Johnson Hester G. O'Brien
1924 <sup>a</sup> * <sup>b</sup> Helen Axon * <sup>c</sup> Marion Lofthouse	<i>Division I.</i> Emily M. Corbett Lucy Gardner Cathleen M. Goodwin Lena E. Hill Nora M. Lintford Edith B. Robertson Norah Sherratt Mary A. Tipping Enid Whiteside Bertha Wild Janet Wolfenden Marjorie Wray <i>Division II.</i> Marie A. Breakey J. K. Fox Bessie Jardin Dorothy H. Mayers H. C. Miller Frieda M. Setzer Frederick Taylor Martha Thomas Edith M. Whittaker	Margaret J. Atkinson Doris Watson
1925 <sup>a</sup> * <sup>b</sup> Annie Crossley * <sup>c</sup> Edith Lawson	<i>Division I.</i> Marjorie Dives Jessie Kirkpatrick A. G. Morris Eric Pickup Dorothy Wood <i>Division II.</i> Ethel D. Boyd Sylvia S. Curtin Annie Gorst Arthur Ince A. I. Morris Muriel M. Roxby Olive M. Storey Annie Therney Majorie Wellard Doris Whitworth Florrie Woods	Mary de H. Birtwell G. H. Fish Margaret Southworth James Waterhouse
1926 <sup>a</sup> * <sup>b</sup> Zillah Taylor * <sup>c</sup> Agnes Teasdale * <sup>d</sup> * <sup>e</sup> * <sup>f</sup> Thomas Walton	<i>Division I.</i> Jane Banks Alice D. A. Byway Grace M. Evans C. R. Rigby Anna M. Willatt Constance E. H. Winn <i>Division II.</i> Edith B. Adams Mary Beaver Ruth Bottonley Grace E. Bulley Edith H. Greaves Gladys M. Harker Dorothy Hockenhull Kathleen W. Ingham H. A. Jones Hilda Nuttall Jessie Thompson	Mary Bentley Lucy A. Carey Emily Hesketh Willie Smith

FRENCH LANGUAGE AND LITERATURE—*continued.*

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1927 <sup>34</sup> <sup>35</sup> Lynette G. Evans <sup>34</sup> Amy Greenwood	<i>Division I.</i> Mary W. Allen Harold Bottomley Marjorie Bowden Gwladys W. Davies Winifred M. Horsfield Arthur Holt Mabel Howden Mary R. Marsden Helen N. Vernon Nancy D. M. Williams	W. D. Broadbent Mary J. Dwyer Minnie Styan Alice Taylor
	<i>Division II.</i> Kathleen Andrew Helen K. Ashton Edith Brooks Ena Browne Edith M. Cotton Doris Davies H. S. Mayall Bessie Parrott Elizabeth M. Taylor Phyllis Walmsley	
1928 Kathleen A. H. Day <sup>34</sup> Phyllis Dowhirst <sup>34</sup> <sup>35</sup> Austin Gill <sup>34</sup> <sup>35</sup> Norman Haycocks <sup>34</sup> <sup>35</sup> Sarah Rabinowitz	<i>Division I.</i> Agnes A. Baxendale Emma M. Garrett Margaret J. Kane Katharine M. Langley Mary W. McCully Jeannie M. MacLennan Alice Martlow Helen S. Pickstone W. J. Walker Helen Whewell	Phyllis Gillin
	<i>Division II.</i> Elizabeth Brown Maggie Clewes Eileen C. Powden Emily Grant Edith Greenwood Ruth A. Gregory Miriam Heap Ernest Hulme Marcello A. Laver Elizabeth Miller Margaret Pennington Letitia Powell H. C. Seeley Annie C. Smith Helen L. Walwyn	
1929 <sup>48</sup> N. O. Barnes <sup>34</sup> A. G. R. Britten <sup>34</sup> Kathleen G. Ineson <sup>34</sup> <sup>35</sup> Marjorie Kelly May, Priestley <sup>34</sup> E. H. Robinson <sup>34</sup> <sup>35</sup> Dorothy R. Sanders	<i>Division I.</i> Herbert Bottomley Alice Duxbury Eleanor N. H. Orr H. M. Scott Beatrice Taylor J. W. Taylor Edna A. Whittaker	Gerda D. Bawden Arthur Wilkinson
	<i>Division II.</i> Eileen M. Baker Muriel C. Baker Effie M. Brown Hilda Chatterton Dora Clayton Annie F. Cooke Marjorie Earlam Ena Hindley Mildred W. M. Lees Ella Puddy Marjorie G. Smith Amy Weston Elsie M. Wood	

FRENCH LANGUAGE AND LITERATURE—*continued*.*First Class.*

- 1930<sup>35</sup> E. L. Dean  
 Doreen Ingram  
<sup>35</sup> <sup>45</sup> William Lawson  
 Marjorie P. A. O'S.  
 Lillywhite  
 Daphne B. Schofield  
 Gladys D. Tucker  
<sup>6</sup> Edith Ward

*Second Class.**Division I.*

- Mary Bannister  
 Edith Barnes  
 Wilfrid Barwise  
 Margaret Blease  
 Edith Clayton  
 D. S. Howie  
 Edith S. Richards  
 D. G. Ryde  
 Sarah Simpson  
 Kathleen A. Southwell  
 Alice M. Tonge  
 Edith Whittle  
 Mary I. Williams  
 Dora M. Willis  
 Nora D. Wright

*Division II.*

- Edna Cartwright  
 G. H. J. Champion  
 Ruth Greenway  
 Winitride M. Hampson  
 Ernest Harrop  
 Gertrude G. Knight  
 Ada J. Lindsay  
 Fernande S. Millard  
 Norah E. Ratcliffe  
 John Roscoe  
 Norah Stockley  
 Florence M. Unsworth  
 Constance P. E. Williams  
 Gwyneth Williams  
 Mary G. Williams  
 A. L. Wright

*Third Class.*

- C. Y. Drinkwater

- 1931 Rhoda Bradshaw  
 Margaret Holden  
 Gladys Holland  
<sup>35</sup> John Lingard  
 Greta N. Werschy

*Division I.*

- Enid Blackith  
 Dora Fletcher  
 Virginia A. Gulbenkian  
 Constance Haxby  
 W. S. Hurley  
 Albert Leach  
 Alice Rothwell  
 Kathleen Trevor  
 Doris Willis

- P. J. T. Mogrill

*Division II.*

- A. L. Birchall  
 M. E. Birtwell  
 Dorothy M. Chadwick  
 J. R. Dening  
 F. W. Evans  
 Elizabeth M. Harrison  
 Dorothy G. M. Hartley  
 C. G. E. Holehouse  
 Evelyn M. Hopwood  
 Ada M. Jacobs  
 Marjorie E. Jenkins  
 Sylvia M. Jucker  
 L. H. Kelly  
 Marjorie M. Kent  
 W. W. Millburn  
 Kathleen A. Musgrove  
 Kathleen F. Pursglove  
 Elizabeth Rainey  
 Freda Rawson  
 J. F. C. Rigby  
 Joan M. Stott  
 Mary Waterhouse  
 Fred White  
 Marie L. Whittington

FRENCH LANGUAGE AND LITERATURE—*continued.*

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1932 <sup>1</sup> <sup>30</sup> W. D. Elcock	<i>Division I.</i>	Eileen M. Gill
" <sup>35</sup> Margaret R. Roberts	William Clarke	Joan R. D. Williams
N. W. Walton	N. A. Cope	
	Hannah M. Fawcett	
	Annie Halliwell	
	John Halliwell	
	Myer Lerner	
	F. J. Norris	
	W. H. Shepherd	
	Ethel M. Smithies	
	Nancy Wainwright	
	<i>Division II.</i>	
	Marjorie K. Atkinson	
	F. F. Brotherton	
	Frank Burton	
	Edna M. Chadwick	
	Frank Gill	
	Joan L. Harley	
	B. F. Harris	
	Beatrice M. Holden	
	Phyllis W. Middlebrough	
	Elisabeth J. Price	
	Joseph Sillors	
	Geoffrey Sircom	
	Sheila M. Slater	
	Hilda C. Steiner	
	G. R. Stocks	
1933 <sup>36</sup> Marcus Baker	<i>Division I.</i>	L. M. Davies
Olive Metcalfe	F. A. W. Durrant	Eunice Haworth
	Hilda Easton	T. W. Piper
	S. H. S. Hoyle	G. F. Rooks
	Mary K. Riley	
	Elsie M. Wareham	
	<i>Division II.</i>	
	Kathleen M. Albinson	
	Margaret L. Byron	
	Dorothy E. Fletcher	
	Edith Higgins	
	A. D. Neal	
	G. K. Neild	
	Lillian Rawlings	
	Sheila M. Scott	
	Dorothy E. Smithies	
	Muriel S. Titterington	
	George Waite	
	Margaret Wilkinson	

## GERMAN LANGUAGE AND LITERATURE.

1913 <sup>14</sup> F. W. Halliday	F. J. Stafford	J. H. Howarth
1911 .....	Harold Harrison	.....
1915 .. ..	<i>Division I.</i>	Hilda M. Segall
	Jack Rivers	
1917 <sup>11</sup> <sup>10</sup> W. H. R. Grundy	.. .	Marguerite M. Anderson
1920 ... ..	<i>Division II.</i>	.. ..
	Esther Partington	.. ..
1921 William Ballough	<i>Division I.</i>	.. .
	R. S. Eaton	.. .
	Phyllis Posnett	.. .
1922 .. .	<i>Division I.</i>	.. .
	Erna E. Williams	.. .
	<i>Division II.</i>	.. .
	Janet S. Budenberg	.. .
	Phyllis W. Duncan	.. .
1923 <sup>10</sup> <sup>31</sup> Norah A. Jones	<i>Division I.</i>	.. .
	Alice I. Taylor	.. .
1924 <sup>10</sup> <sup>31</sup> C. T. Carr	Mary B. Taylor	.. .
	.. .	.....

GERMAN LANGUAGE AND LITERATURE—*continued.*

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1925 . . . .	<i>Division I.</i>	...
1926 <sup>34</sup> Sheila M. Wood	Mary E. Haworth	...
	<i>Division I.</i>	...
1927 <sup>34</sup> Edna Turner	Mabel A. Winstanley	...
	<i>Division II.</i>	...
1928 <sup>34</sup> <sup>35</sup> H. S. Jackson	Gladys M. Stoddard	Bessie Anderson
1929 .....	...	...
	<i>Division I.</i>	...
1930 .....	Edwin Reeves	...
	<i>Division I.</i>	...
	W. B. Savigny	...
	<i>Division II.</i>	...
	Olga Bell	...
1931 <sup>37</sup> R. A. Fothergill	<i>Division I.</i>	...
	J. F. Caldwell	...
	<i>Division II.</i>	...
	Evelyn C. Addis	...
1932 <sup>37</sup> Kathleen A. Horsfield	<i>Division I.</i>	...
<sup>46</sup> Isabel Munkley	B. S. Horton	...
1933 C. D. Finch	<i>Division I.</i>	Mabel Whitworth
	D. F. Allison	...
	W. H. Goddard	...
	<i>Division II.</i>	...
	Bernard Englesberg	...

## PHILOSOPHY.

1888 G. D. Hicks .....	<i>Owens.</i>	.....	.
Joseph Walker ...	<i>Owens.</i>	.....	.
1890 .....	W. R. Lacey .....	<i>Owens.</i>	.. .
1895 <sup>10</sup> Margrieta van	.....	.....	.. .
der Veen	<i>Owens.</i>	.....	.. .
1897 <sup>16</sup> J. C. Hague .....	<i>Owens.</i>	T. M. Jones ...	<i>Owens.</i>
1898 <sup>2</sup> <sup>10</sup> J. M. Asher .....	<i>Owens.</i>	.....	.. .
<sup>110</sup> Wilson Stuart ..	<i>Yorks.</i>	.....	.. .
1904 .....	Edgar Thackray	<i>Mane.</i>	.. .
1907 .....	Nellie Hilton	.....	.. .
1908 T. H. Davies	Eva M. Newton	.....	.. .
1910 <sup>11</sup> E. J. Nuttall	A. Y. Ting	.....	.. .
1911 F. C. Taylor	T. H. Procter	.....	.. .
1912 Susie S. Fairhurst	F. M. Hirst	W. J. Rigby	.. .
Annie F. Griffiths	.....	.....	.. .
1915 .....	Ferna Reiss	Dorothy Court	.. .
	.....	E. B. Holtby	.. .
1916 <sup>11</sup> Peter McPhail	.....	.....	.. .
1921 .....	<i>Division I.</i>	.....	.. .
	A. W. Baillie	.....	.. .
1922 W. H. Harrison	.....	.....	.. .
1928 .....	Walter Hilton	.....	.. .
1930 .....	.....	Thomas Billington	.. .

## ECONOMICS AND POLITICAL SCIENCE.

1905 <sup>2</sup> <sup>11</sup> Douglas Knoop	.....	.....
1906 .....	.....	C. H. Mercer
1909 .....	J. E. Rowbotham	Fred Hall
	.....	James Stephenson
1910 G. A. Evans	Harold Dearnaley	.....



ECONOMICS AND POLITICAL SCIENCE—*continued.*

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1911 .....	G. W. Daniels	.....
1913 J. W. Ramsbottom	H. A. Hall	.....
	G. H. Marshall	
1913 .....	<i>Division I.</i>	G. W. Lindh
	Mary E. Dymond	
1915 .....	<i>Division I.</i>	.....
	<sup>41</sup> Joseph Shuttleworth	
1916 W. P. Phillips	<i>Division II.</i>	.....
	Margaret J. Fyffe	
1917 .....	<i>Division II.</i>	.....
	Mary Burton	
	Henriette Klein	
	Alice J. Samuel	
1918 Gertrude Rosenblum	<i>Division I.</i>	Q. Y. Kwan
	N. G. Marshall	
	<i>Division II.</i>	
	Amelia H. Willson	
1920 <sup>2</sup> Arthur Redford	<i>Division II.</i>	... ..
	Doris C. Booth	
1921 .....	<i>Division I.</i>	.....
	Florence M. Broadbent	
	T. M. Lester	
	<i>Division II.</i>	
	John Wilcock	
1922 .....	<i>Division I.</i>	J. W. Shaw
	Elizabeth I. Hulme	
	<i>Division II.</i>	
	Elsie Beech	
	Oliver Graham	
1923 .....	<i>Division I.</i>	Ernest Fitton
	<sup>34</sup> C. T. Brunner	Annie M. M. Smith
	Phyllis A. Manning	
	J. A. A. Ralph	
	<i>Division II.</i>	
	H. W. Prescott	
1924 .....	<i>Division I.</i>	.....
	T. T. Rush	
	<i>Division II.</i>	
	Robert Mearns	
	Ellen E. Whitehead	
1925 ... ..	<i>Division II.</i>	J. H. Sutton
	Muriel Foster	
1926 .....	<i>Division II.</i>	.....
	Hilda Grindrod	
1927 <sup>34</sup> <sup>35</sup> Sybil Simpson	<i>Division II.</i>	H. C. Harwood
	Hilda A. A. H. MacCormack	
1928 H. H. Comber	...	.....
<sup>34</sup> Mary Holme		
1929 <sup>2</sup> <sup>34</sup> <sup>41</sup> Jack Stafford	.....	.....
1930 .....	<i>Division I.</i>	G. M. MacCarron
	Edward Rogers	
	A. W. Wood	
1931 .....	<i>Division I.</i>	.....
	G. G. Dobson	
1932 .....	<i>Division I.</i>	B. M. Johnson
	Nancy F. Greenhalgh	Olive Yates
1933 <sup>17</sup> <sup>14</sup> Philip Chantler	<i>Division I.</i>	Barbara F. Birley
	C. A. D. Beving	
	Dorothy E. Smith	
	<i>Division II.</i>	
	Bernard Francke	
	F. C. Rhodes	

## ARCHITECTURE.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1907 .....	J. C. Ainsworth L. M. Angus W. J. Roberts	.....
1908 .....	L. H. Cross	W. S. Owen
1909 J. H. Worthington	... ..	.. ..
1910 .....	.....	J. R. Gwyther
1911 <sup>11</sup> J. S. Beaumont	.....	..
1912 .....	Theodore Herford	.....
1913 <sup>11</sup> <sup>27</sup> G. B. Howeroft <sup>11</sup> <sup>27</sup> W. O. Jones	<i>Division II.</i> J. B. Teasdale	.....
1915 .....		S. G. Wilson
1916 ... ..		Harold Butterworth
1919 <sup>27</sup> R. H. Winder		.....
1920 <sup>27</sup> R. W. Bateman		.....
1922 <sup>27</sup> <sup>34</sup> R. A. Cordingley J. P. Nunn <sup>27</sup> <sup>34</sup> Elsie Rogers	<i>Division I.</i> <sup>27</sup> R. W. Briggs P. G. Fairhurst W. A. Norbury <sup>27</sup> R. J. Willis <i>Division II.</i> G. H. Gatley	.....
1924 .....	<sup>27</sup> Kathleen O. Brayshaw	... ..
1925 .....	Frank Whiteley	.....
1927 <sup>27</sup> <sup>34</sup> G. A. Goldstraw	<sup>27</sup> Ellen B. Alexander <sup>27</sup> W. H. McNicol	.....
1928 ... ..	<sup>27</sup> Archibald MacLean	.....
1929 <sup>27</sup> H. I. Ashworth <sup>27</sup> Ronald Bradbury <sup>6</sup> <sup>49</sup> Sadie Speight	.....	.....
1930 .....	<sup>27</sup> J. A. Stewart	Evelyn Drury
1931 <sup>27</sup> T. J. Cahill <sup>27</sup> D. E. E. Gibson <sup>27</sup> G. P. Whyman	J. S. Dilks Adolph Isaacs <sup>27</sup> F. M. Reynolds M. B. Tetlow	.....
1932 .....	<sup>27</sup> R. A. Bullivant <sup>27</sup> Elizabeth M. Wollaston	Douglas Smith
1933 <sup>27</sup> Anna E. Powicke	<sup>27</sup> Winifred M. McGowan	.....

## ORIENTAL STUDIES.

1914 <sup>11</sup> <sup>11</sup> M. H. Farbridge	... ..	.....
1916 .....	R. A. Burrows	.....
1917 .....	Benjamin Rodríguez-Pereira	.....
1921 <sup>11</sup> H. C. R. Eltoft	.....	.....
1923 <sup>23</sup> <sup>34</sup> J. J. Slotki	.....	.....
1930 <sup>35</sup> H. I. Nemtsov	.....	.....
1931 .....	.....	S. K. Bridge
1932 .....	C. R. Hopgood	.....

## CELTIC.

*First Class.*  
1907<sup>a</sup> & <sup>11</sup> Arthur Jones

*Second Class.*

*Third Class.*  
... ..

## ITALIAN.

1923<sup>a</sup> & <sup>14</sup> Helen M. Briggs

1925<sup>a</sup> & <sup>14</sup> & <sup>15</sup> Constance Brooks

1926

1931<sup>d</sup> Edith Ward

Kathleen Speight

## GEOGRAPHY.

1926

*Division I.*

Edna A. Fox

*Division II.*

Margaret J. Kershaw  
Margaret E. Lambrick

1927

*Division I.*

David Peter  
Annie Platt

*Division II.*

Lillie A. Spencer

1928

*Division I.*

O. H. Chapman  
L. S. McCaw

*Division II.*

Hilda Annals  
Elsie Yates

1929

*Division I.*

Evelyn L. Crossley  
Agnes Newton  
J. G. Taylor

*Division II.*

Edith M. Herring

1930

*Division I.*

Gladys C. Rushforth

*Division II.*

Hilda M. Dent  
Herbert Hall  
Alexander McKenzie

1931

*Division I.*

F. D. Harker  
Evelyn M. Lyall  
Lillian Oppenheim  
Winifred Osborn  
Winifred M. Wilson

*Division II.*

Marjorie Morley  
Lois Newsam  
Edward Robinson

1932<sup>a</sup> & <sup>15</sup> W. C. Chapman

*Division I.*

J. H. Beckett  
Fred Higson  
R. E. Thompson

*Division II.*

Joyce M. Brooke  
W. S. Speddy

1933 Mary W. Shield  
A. H. Shorter

*Division I.*

Margaret E. Cliff  
George Lighton  
R. D. Poppitt

*Division II.*

Lucy Gregory  
Edith M. Lowe  
Elizabeth J. Moseley

Marie Pailin

Nellie Brooks  
Doreen Carty

Lawrence Bates

## MATHEMATICS.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1883 <sup>1a</sup> J. W. Capstick ... <i>Owens.</i>	.....	.....
1885 .....	Henry Holden ... <i>Owens.</i>	W. F. Pearce..... <i>Owens.</i>
1886 <sup>1a</sup> C. H. Lees ..... <i>Owens.</i>	.. .	A. E. Williams ... <i>Owens.</i>
1887 .....	.. .	A. G. Pickford ... <i>Owens.</i>
1889 <sup>1a</sup> Stanley Dunkerley <i>Owens.</i>	Jessie Auld ..... <i>Univ.</i> Amy Mullock..... <i>Owens.</i> Reg. Prondlove... <i>Owens.</i>	E. E. D. Davies <i>Owens.</i>
1890 <sup>1a</sup> W. G. Rhodes ... <i>Owens.</i>	.....	H. T. Spencer ... <i>Owens.</i>
1892 <sup>1a</sup> F. M. Saxelby ... <i>Owens.</i> <sup>12</sup> J. D. Thompson <i>Owens.</i>	J. K. Montgoinery <i>Univ.</i>	.....
1893 <sup>1a</sup> G. E. St. L. Carson <i>Univ.</i>	A. T. S. James . <i>Owens.</i>	.....
1894 .....	J. H. Blandford... <i>Owens.</i> J. D. Pennington <i>Owens.</i>	... ..
1895 .....	Mary L. Beard . <i>Owens.</i>	G. W. Lord... .. <i>Owens.</i>
1896 .....	Myer Kaizer ..... <i>Univ.</i> Edith Ward ..... <i>Owens.</i>	.....
1897 <sup>1a</sup> W. C. Bottomley <i>Owens.</i> <sup>17</sup> E. R. Forber ... <i>Univ.</i>	P. M. Marples .. <i>Univ.</i> A. C. Neil..... . <i>Owens.</i>	Helen Fisher..... <i>Owens.</i> Grace M. Woodiyatt <i>Owens.</i>
1898 .....	Thomas Ayres ... <i>Owens.</i> C. G. Barkla ..... <i>Univ.</i>	Rhoda M. Cowell <i>Owens.</i> Harry Hindley... <i>Owens.</i>
1899 <sup>1a</sup> J. N. Frankland .. <i>Yorks.</i> <sup>1a</sup> William King ... <i>Owens.</i>	.....	... ..
1900 <sup>12</sup> G. H. Bell..... <i>Owens.</i> <sup>1a</sup> J. P. Gabbatt ... <i>Univ.</i>	Gertrude A. Dean <i>Owens.</i> Mary G. Findlay <i>Yorks.</i> R. A. Mannings... <i>Univ.</i>	.....
1901 <sup>1a</sup> John Blakeman <i>Owens.</i> <sup>12</sup> F. T. Ellis ..... <i>Univ.</i> <sup>1a</sup> Annie Heyhurst <i>Owens.</i>	Frederick Norquoy ..... <i>Owens.</i>	.....
1902 .....	R. B. Foster..... <i>Univ.</i> C. H. Saxelby ..... <i>Owens.</i>	.....
1903 <sup>1a</sup> H. R. Hassé ..... <i>Owens.</i> <sup>1a</sup> James Mercer ... <i>Univ.</i>	J. G. Isherwood... <i>Owens.</i>	.....
1904 <sup>1a</sup> L. V. Meadowcroft <i>Manc.</i>	... ..	.....
1905 .....	J. E. H. Hill	.....
1907 Charles Cooper <sup>1a</sup> A. A. Hoyle <sup>11</sup> Harry Watson	.....	D. U. Foster
1908 <sup>1a</sup> Sydney Chapman <sup>11</sup> G. A. Evans <sup>11</sup> Eleanor B. Harvey	G. J. Walmsley	.....
1910 <sup>1a</sup> J. H. Doughty . <sup>12</sup> F. M. Morris ..... <sup>11</sup> Joshua Parlbly Arthur Warmisham	Martha E. Cooke <sup>1a</sup> Mary Walmsley	.....
1911 Willie Benson Walter Beverley Robert Hawksworth <sup>12</sup> Mary Taylor <sup>11</sup> Joseph Walsh P. F. Ward	M. M. Searle Joseph Sutcliffe John Winnard	.....
1912 Simon Cohen Raymond Larkman	C. A. Gould	Joseph Binn
1918 <sup>2a</sup> Benjamin Hodgkinson <sup>1a</sup> C. A. Marsden Arthur Norcross	Doris Bailey Peter Gerrard <sup>1a</sup> Hilda Hancock Esther G. Seares	A. E. Bruce

## MATHEMATICS—continued.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1914 <sup>12</sup> P. A. W. Honeyman <sup>11</sup> Ernest Phillips William Stevenson <sup>11</sup> W. R. Wilde	F. N. V. Bury C. S. Henningway Percy Knowles E. S. Littlejohn G. H. Pool	W. K. Macdonald
1915 W. N. Bradshaw <sup>11</sup> <sup>23</sup> George Darwin <sup>12</sup> <sup>20</sup> J. E. Jones	Herbert Brittain Elizabeth Daniel Dorothy P. Lowerdew H. W. Lawson John Swales	W. W. Hitching
1916 Thomas Smith	.....	.....
1917 ... ..	Lydia M. Appleton	.....
1918 <sup>12</sup> Nora Fearnley	H. D. Smith Norah M. Whittle	.....
1919 Edith H. Falshaw <sup>12</sup> Doris Withington	Doris M. Hall	.....
1920 .....	Joseph Boswell Albert Chatwood Rose Crane Alice M. Whitehead	...
1921 <sup>12</sup> T. S. Fazaackerley <sup>11</sup> E. V. Whitfield	Mary Atack Irene Crawshaw Violet W. Haddock E. G. Phillips	Walter Hanna
1922 Winifred Chantler Nora Kenyon <sup>12</sup> James Morraill <sup>12</sup> Thomas Smith	<i>Division I.</i> Charles Atkinson C. G. Ellis Norman Fairclough <i>Division II.</i> Wilfred Leese Keith Wolfenden	Albert Maines Louisa R. N. Stott
1923 <sup>12</sup> Florence Hyde	<i>Division I.</i> Wilfrid Hainsworth Kathleen P. Kirsop Mabel Pollard <i>Division II.</i> Mary A. Moorhouse J. S. Nicholson Tom Wolfenden	Albert Ashton May Brooks Agnes G. Croft Doris Kenyon
1924 <sup>12</sup> A. T. McKay <sup>12</sup> A. T. Price <sup>12</sup> James Topping <sup>34</sup> Harold Wilkinson	<i>Division I.</i> N. H. Carr G. W. Hughes C. W. Jackson <i>Division II.</i> J. H. Manson	Amelia R. Kendall G. T. S. Smithies
1925 <sup>12</sup> W. R. Address <sup>12</sup> Henry Tomlinson <sup>12</sup> J. W. Withington	<i>Division I.</i> J. R. Address Oswald Barraclough Mary Gardiner <i>Division II.</i> J. W. Toft	Laura J. L. Bell Norman Cannell Edward Robinson J. D. Hodson
1926 <sup>12</sup> Leonard Daly <sup>42</sup> Christine M. Gulbenkian <sup>42</sup> <sup>34</sup> E. T. Norris	<i>Division I.</i> Marjorie Baird R. G. Exton <i>Division II.</i> G. S. Hauner <sup>20</sup> George Tyson	Frank Pilling R. H. Thomas Mary K. Wood Margaret R. Wylie
1927 <sup>12</sup> Harold Davenport	<i>Division I.</i> A. F. Carr <i>Division II</i> C. A. N. Sadler	Winifred A. Wandless
1928 <sup>12</sup> Arthur Page <sup>34</sup> <sup>12</sup> Joseph Sherratt	<i>Division I.</i> Amy Sarginson <i>Division II</i> W. F. Butterworth	Jack Slater

## MATHEMATICS—continued.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1929 Jenny Crawshaw W. S. Ormes <sup>34</sup> Edith Winstanley	<i>Division II.</i> Hilda Duxbury Marie Hampson	A. E. Ashburner Winifred G. Leach Harry Wroe
1930 <sup>12</sup> B. J. Gorst Arthur Howarth	<i>Division I.</i> Frank Dean C. W. Eaves	Alan Baxter E. G. Durham Ellen Hampson J. J. Sankey
	<i>Division II.</i> F. E. Eastwood Horace Gordon Ethel Hartill T. C. Southworth G. R. Western	
1931 <sup>12</sup> C. R. Darlington Leslie Howarth <sup>42</sup> A. L. Ingman	<i>Division I.</i> G. B. Austin A. J. Laytham John Magee L. R. Shenton	E. R. Petty
	<i>Division II.</i> Frank Green A. A. Ingham Marion Richardson	
1932 A. N. Merchant <sup>12</sup> S. R. Tibbs <sup>42</sup> Sam Wood	<i>Division I.</i> W. A. Christie Hilda Singleton Fred Tudge Martha A. Winstanley	.....
	<i>Division II.</i> David Harkness J. S. Howard	
1933 Thomas Crossley Simon Levy <sup>42</sup> Albert Paynter A. R. Tennyson	<i>Division I.</i> T. F. Battersby Mary S. Faulkner Lucy G. Whittaker	L. R. Natt
	<i>Division II.</i> Mavis Hornby P. H. Taylor	

## ENGINEERING.

1882	... ..	R. B. Creak..... <i>Owens.</i> William Sumner <i>Owens.</i>	.....
1883 <sup>3</sup>	A. W. Brightmore <i>Owens.</i>	C. F. Budenberg <i>Owens.</i>	.....
1885	H. T. Ashton ..... <i>Owens.</i> Malcolm Douglass <i>Owens.</i>	<sup>3</sup> T. A. Peace ... <i>Owens.</i>	.....
1886	Edward Walker ... <i>Owens.</i>	Theo. Coventry... <i>Owens.</i>	.....
1887	.....	W. Meischke- Smith <i>Owens.</i>	.....
1888	Harry Bamford ... <i>Owens.</i> B. H. Crookes ... <i>Univ.</i> J. H. Heap ..... <i>Owens.</i>	..	M. A. Allahver- diantz <i>Owens.</i>
1889	... ..	C. M. Bles ..... <i>Owens.</i> W. H. Cavendish <i>Owens.</i> W. R. Crabtree .. <i>Univ.</i> John Heathcote.. <i>Owens.</i> C. S. Thomson ... <i>Owens.</i>	.....
1890	C. B. Dewhurst ... <i>Owens.</i> <sup>3</sup> Stanley Dunkerley <i>Owens.</i>	W. C. Popplewell <i>Owens.</i>	.....
1891	R. H. Lunn ..... <i>Owens.</i> Percy Nicholls ... <i>Yorks.</i> T. E. Stanton ..... <i>Owens.</i> George Wilson ... <i>Owens.</i>		.....

## ENGINEERING—continued

First Class.	Second Class.	Third Class.
1892 <sup>10</sup> R. C. Porter ..... Univ.	D. L. Hutchison... Owens.	.....
1896 .....	F. W. D. Davis ... Yorks. J. W. Kershaw ... Owens. Leonard Sumner Owens.	A. H. Bone ..... Owens. A. M. Ker..... Univ.
1894 T. H. Creighton ... Univ. J. T. Farmer ..... Univ. E. D. Foster..... Owens. <sup>2</sup> A. H. Jameson ... Owens. <sup>10</sup> T. G. Jones..... Owens. <sup>10</sup> W. H. Moorby .. Owens.	G. E. Armstrong Owens. A. E. Ewart ... Univ. W. B. McClure .. Univ. J. E. Monk ..... Owens. Samuel Stansfield Owens.	John Law ..... Owens.
1895 <sup>10</sup> W. L. Brown ... Univ. <sup>10</sup> J. W. Hayward... Owens. J. P. Hogarth ... Univ.	J. R. Davidson .. Univ. B. L. Elliott ..... Owens. H. H. Gruning ... Owens. Joseph Shorrocks Owens.	Frank Baker..... Owens. W. R. Baldwin- Wiseman Owens. C. D. Bell..... Owens. A. W. Hanckel ... Univ. Harold Lomas ... Owens. Louis Sikes..... Owens. A. C. Wilson ... Owens.
1896 <sup>10</sup> W. K. Heard ... Owens. <sup>10</sup> J. H. Grindley... Owens. <sup>10</sup> William Mason... Owens.	George Follows... Owens. A. N. Hazlehurst Univ. C. N. Hefford .... Yorks. F. S. Hughes ... Univ. D. H. Illingworth Owens. W. H. M. Jameson Owens. Blannoy Stevens.. Owens. W. M. Thornton Univ. H. S. Threlfall ... Univ.	David Hardman Owens. R. K. Heap .. Univ. A. E. Worgan ... Univ.
1897 G. E. Ashforth... Owens. Ernest Brown..... Univ. P. S. Coudrey ..... Univ. <sup>10</sup> W. H. Middlesworth Univ. <sup>10</sup> J. H. Smith ... Owens.	James Oddy ..... Yorks. C. H. Stewart ... Univ. Herbert Sutcliffe Owens. C. E. Tansley ... Yorks. Percy Thomas ... Owens. George Wall ... Owens. C. H. Webb ..... Owens.	W. H. Core ..... Owens. J. S. Hague..... Owens.
1898 Arthur Devon..... Owens. <sup>10</sup> F. W. Howitt ... Univ. <sup>10</sup> J. E. Jagger ..... Owens. R. S. Spencer ..... Univ.	J. H. Burman ... Owens. W. B. Corrie ..... Yorks. Harold Farrar ... Owens. A. A. Mellor ... Owens. W. McG. Ross ... Univ. L. F. Wells..... Owens.	H. H. Bush..... Owens. Harold Priestman. Yorks.
1899 <sup>10</sup> J. C. W. Humfrey. Univ. <sup>10</sup> E. H. Lamb ..... Owens. W. A. Linskill ..... Yorks. <sup>10</sup> W. T. Maccall ... Owens. T. B. Willans ... Owens.	F. E. Armstrong. Univ. James Bibby..... Univ. H. L. Grocock ... Yorks. Maxwell Kenyon Owens.	R. E. Boulton ... Univ. Hugh Gibbins ... Owens. W. A. Hutton .... Yorks. Joseph Robinson Owens. Saml. Sinkinson Owens. R. E. Worthington Owens.
1900 <sup>10</sup> Frederick Bowen Owens. B. R. Cornack ... Univ. John Kirkland ... Owens. E. E. Mann ..... Yorks. <sup>10</sup> Arthur Morley ... Owens. A. E. Snape ..... Owens. H. F. Ward ..... Owens.	A. R. Edmondson Owens. Samuel Hird ..... Owens. Arnold Thomas.. Univ. <sup>2</sup> Fred Thomas ... Owens.	H. A. Cope..... Owens. R. C. Holme ..... Owens. Norman Lee ... Owens. M. R. C. Nanson... Owens. J. R. Wyde ..... Owens.
1901 W. E. M. Curnock. Univ. E. H. Farmer ..... Univ. <sup>10</sup> P. H. Powell ... Univ. <sup>10</sup> Frank Rogers ... Univ. Harry Walton ..... Owens.	G. de C. Ballardie Yorks. Henry Farrington .. Univ. J. F. Gill ..... Univ. Alfred Jones..... Owens. R. J. A. Pearson.. Yorks. Norman Wells ... Owens. G. W. Worrall ... Univ.	A. W. Cook..... Owens. A. G. Hinton ..... Owens. B. F. Merchant... Univ. A. G. F. Napier... Owens. R. A. Sheldon ... Owens. K. D. Wheatcroft Owens.
1902 J. C. Metcalfe ..... Owens. <sup>10</sup> S. H. Stelfox ..... Yorks. <sup>10</sup> A. A. Stoddard ... Yorks.	R. S. Baker ... Owens. G. A. Barber ..... Owens. Edward Cryer ... Yorks. J. A. Davenport... Univ. G. K. Davis ..... Owens.	H. M. Hance ..... Univ. H. F. Haworth... Univ. F. O. Kirby ..... Yorks. G. L. Macalpine Owens.

## ENGINEERING—continued.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1903 <sup>8</sup> <sup>10</sup> Frank Foster .. <i>Owens.</i>	J. H. Dobson ..... <i>Univ.</i>	M. W. Brayshaw <i>Yorks.</i>
<sup>10</sup> A. H. Gibson ..... <i>Owens.</i>	W. B. Rimmer ..... <i>Univ.</i>	J. P. Hainer ..... <i>Owens.</i>
T. N. Riley ..... <i>Univ.</i>	Robert Royds ..... <i>Owens.</i>	A. F. Harrison .. <i>Owens.</i>
J. A. Uttley ..... <i>Owens.</i>	G. B. Sharples ..... <i>Owens.</i>	George Holme .. <i>Univ.</i>
<sup>10</sup> A. T. Weston... .. <i>Owens.</i>	T. F. Wall ..... <i>Univ.</i>	Edward Howarth <i>Owens.</i>
Arthur Wetherall <i>Yorks.</i>	P. D. Walmesley... <i>Owens.</i>	Frederick Read.. <i>Owens.</i>
	H. F. Ward ..... <i>Univ.</i>	J. H. Sinclair... .. <i>Univ.</i>
	William Woodward <i>Owens.</i>	J. H. Slater... .. <i>Yorks.</i>
		N. S. Tennant ... <i>Yorks.</i>
		C. P. Williams .. <i>Owens.</i>
1904 <sup>10</sup> Fred Pickford ... <i>Manc.</i>	N. E. France ..... <i>Manc.</i>	G. E. Bennett ... <i>Manc.</i>
Adam Priestley .. <i>Manc.</i>	A. H. Fryer ..... <i>Manc.</i>	E. M. Duggan ... <i>Manc.</i>
	J. W. Howard ..... <i>Manc.</i>	H. F. Howell ..... <i>Manc.</i>
	P. H. Revell ..... <i>Manc.</i>	Frank Lord..... <i>Manc.</i>
	G. E. Scholes ..... <i>Manc.</i>	Alfred Tomlinson <i>Manc.</i>
	O. S. Sinnatt ..... <i>Manc.</i>	E. T. Wihl ..... <i>Manc.</i>
	Louis Toft ..... <i>Manc.</i>	
1905 <sup>6</sup> <sup>11</sup> Gilbert Cook	C. B. Clark	G. D. Mainprice
C. H. Lander	<sup>10</sup> Robert Cotton	A. G. Parker
<sup>11</sup> Andrew Robertson	Stanley Greenhalgh	Wilfred Platt
	George Halstead	
	W. E. Walker	
	Ralph Wolfenden	
1906 <sup>11</sup> H. C. W. Bishop	Alexander Gardner	T. B. Ashforth
J. F. Chapuain	Arnold Southall	E. I. Chadwick
<sup>11</sup> H. E. Mellor	H. G. Taylor	H. C. Crossle
		E. W. D. Davies
		W. F. Oldham
1907 <sup>11</sup> <sup>12</sup> Sydney Chapman	Alfred Bailey	D. McF. Crawford
Fred Harrison	T. C. B. Davies	H. L. Kenyon
A. C. Timmis	C. W. Knott	I. A. Midgway
		W. M. Howland
		J. E. Storey
		G. R. Wilkinson
		L. St. G. Wilkinson
1908 F. A. Ellison	Alexander McWilliam	A. C. Dean
R. D. Gwyther	<sup>10</sup> F. du C. Reynolds	William Eccles
Legh Holden		Thomas Harvey
C. M. Mason		W. R. Nelson
		T. V. Pring
		P. J. Roberts
		J. H. Walker
1909 N. P. Badson	L. O. McCurrieh	S. H. Y. Birley
<sup>11</sup> James Bradley	J. L. Thompson	B. L. Harvey
<sup>11</sup> Melbourne Dewhurst		T. H. Morris
Edmund Langstreth		John Riley
W. E. Parker		J. de D. Sardon
		C. B. Waterlow
1910 Mohsin Ali	G. C. Bailey	Rennie Waterhouse
<sup>11</sup> Heinrich Bächtold	C. A. Breeze	
<sup>11</sup> Harold Polas	H. G. S. Delépine	
William Hanna	Charlie Flowers	
F. A. Jones	J. L. Moffet	
C. N. Loveday	H. J. Newson	
Alfred Ryan		
1911 <sup>28</sup> E. J. Parish	J. R. Killick	M. A. Alikhan
<sup>11</sup> Arthur Roberts	T. M. Naylor	Syed Arifudden
	Thomas Norcross	J. A. Fielden
	H. E. D. Pearce	Jessel Kehrmann
	J. R. C. Tyler	
	W. M. R. Vonberg	



## ENGINEERING—continued.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1912 <sup>12</sup> S. W. Herford	Gilbert Budden G. A. C. Bisdalle F. M. G. McConechy W. N. Reed W. F. Walker	D. D. Bean Frederick Berry A. L. Court E. J. Green U. C. Tainton
1913 E. F. G. Gilmore <sup>11</sup> Sydney Hague H. R. Harker	G. E. C. Callow R. P. Cleary A. J. Conway N. J. M. Cursetjee G. W. A. Hicks <sup>*</sup> G. H. Hunt S. A. Raza A. N. Walker	P. D. Sethi H. H. Smith
1914 <sup>11</sup> J. M. Wade	F. J. Hookham C. E. T. Jones T. H. Jones A. G. Royle	.....
1915 L. J. Ashby Solomon Brandt <sup>11</sup> Herbert Carrington	Henry Baker H. W. Baker A. W. Clegg R. A. Hailton H. N. Sellers	Charles Colles J. O'B. Echlin
1916 Nai Muni	Bertram Done Harold Gartside Eric Jones	.....
1918 ....	Samiullah Shah S. M. Younus	Szih-Chung Lee
1919 ... ..	Harold Herrod	L. B. Jump
1920 <sup>11</sup> W. J. Brown <sup>11</sup> <sup>28</sup> E. H. Lewis <sup>11</sup> E. C. Masterson	Wilfred Davies J. S. Green P. R. Robinson	Frank Radcliffe
1921 <sup>11</sup> R. J. Cornish <sup>11</sup> B. W. Edgoose <sup>28</sup> F. S. Edwards G. F. Mucklow T. C. Woods	Frederick Butler F. W. H. Downing Frank Gardner F. C. Goodwin <sup>*</sup> Frank Heywood T. L. Hulse William Myers E. F. Stephenson G. E. Taylor J. S. Wrigley	D. G. Brown H. L. Butterworth A. P. Clark Sidney Edwards Gordon Manley F. A. Parish A. E. C. Slater W. A. L. Wolf
1922 <sup>11</sup> <sup>35</sup> H. W. Broadbent R. C. Gowthorpe <sup>*</sup> Reginald Higginson <sup>34</sup> <sup>35</sup> Gerald Lyon Herbert Marsh J. A. Ogden L. B. Ryder P. B. Silk	<i>Division I.</i> C. L. Duddle F. W. L. Heathcote J. W. Horner H. de B. Knight W. E. A. Milward W. S. Richards W. P. Smith  <i>Division II.</i> H. T. Aspinall F. J. Goodson R. D. Gulatee <sup>*</sup> F. W. Woodfield R. A. Wray	P. S. Butterworth Thomas Havekin R. B. Johnson Arthur Riley

## ENGINEERING—continued.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1923 M. C. Abraham <sup>33</sup> R. H. Evans John Heaton John Jennings <sup>34</sup> <sup>35</sup> Schofield Labrow W. J. Richards C. R. Smith W. A. Tuplin	<i>Division I.</i> J. J. Green S. H. Hemsley John Latham W. A. Nicks H. C. Ogden  <i>Division II.</i> A. F. Coventry A. C. Dearden D. D. Evans T. M. Evans R. A. H. Sutcliffe Norman Tetlow	J. H. Amos R. S. Bamber G. H. Causey J. E. Foden Stanley Harwood J. W. Jackson A. T. Stockton W. H. Turner Harold Whipp
1924 <sup>34</sup> Tom Boardman C. A. Bradley A. H. Hurt <sup>35</sup> A. H. D. Marknick W. L. D. Martyn John Mayer <sup>34</sup> W. K. Rooney Eric Rushton <sup>43</sup> J. N. Taylor	J. E. F. Anderson Arthur Ashworth Wilfred Barker Hugh Beck C. W. B. Cary J. B. Clapp Franklin Edmondson F. C. P. Harris Wongse Kulapongse J. T. Lea F. C. Lee Isidore Levy V. M. Meswani S. N. H. Panikkar Herbert Shackleton	L. V. W. Clark John Marshall
1925 <sup>34</sup> David Clayton Thomas Gill <sup>34</sup> <sup>35</sup> Willie Jackson Frank Mennell C. I. Pennington F. J. Rush Edgar Swift J. W. Tonge Jack Walker S. A. Wood	<i>Division I.</i> Lawrence Lyons George Parkin <sup>35</sup> Frank Roberts Albert Sykes  <i>Division II.</i> Moussa Arafat Honghee Limcharoen Maurice Rolo E. H. Salisbury R. O. Tandan C. J. Tirrell	John Botteley W. G. Hunt R. S. Johnson Francis Kenyon R. S. Reed J. R. Whitaker
1926 <sup>34</sup> <sup>35</sup> Jack Allen J. P. Bamber <sup>28</sup> <sup>34</sup> John Barton John Chadwick William Cowen E. R. Watkins	<i>Division I.</i> T. E. Hutton <sup>28</sup> Stanley Jennett E. T. Kava K. M. A. Kaayum Frank Nixon J. H. Richardson A. L. Townend  <i>Division II.</i> J. G. M. Hindle	James Clough F. G. C. Holland Khan K. M. Nemastullah Ernest Taylor
1927 <sup>28</sup> <sup>34</sup> <sup>35</sup> T. H. Aspey J. E. Barlow James Drake Dennis Farrar G. A. Gauld <sup>34</sup> J. W. H. King A. G. McLellan D. P. Massey <sup>34</sup> <sup>35</sup> C. F. J. Morgan Fred Tattersall R. H. Taylor	<i>Division I.</i> R. M. Lee J. P. Moyle W. T. Rogers R. I. Spencer  <i>Division II.</i> <sup>28</sup> Oscar Elsdon Clifford Moore H. F. Tirrell	S. H. Alam M. L. Ali Norman Hayes C. V. Vinten-Fenton

## ENGINEERING—continued.

First Class.	Second Class.	Third Class.
1928 John Briscoe <sup>34</sup> F. C. Chambers J. M. Connal A. E. Johnson John Jordan <sup>34</sup> D. I. B. Moon	<div>Division I.</div> Martin Cawley Thomas Jackson Hongsieng Limcharoen A. L. Stringer <div>Division II.</div> R. H. Dunn M. I. Evans Ronald Wall <div>Division II.</div> F. F. Langley	Swai Habanananda J. L. Nicholas M. S. R. Panikkar E. C. Robinson J. P. Wajntfeld
1929 Ziauddin Ansari A. D. Dunbar <sup>34</sup> Albert Fogg <sup>34</sup> J. G. Jagger Gilbert Keighley Benjamin Preston A. T. Scott C. W. Scott	<div>Division I.</div> <sup>34</sup> W. H. R. A. Coates D. L. Deshpande Geoffrey McLeod	M. H. A. Baig C. P. Dreyfus R. M. H. Garvie S. V. G. Iyengar Robert Jackson J. W. Jennings J. H. Manekshaw Ali Reza William Roberts Reuben Bardsley K. H. Cowin <sup>34</sup> A. C. Hall E. A. Jones Clifford Stead P. D. F. T. Huss
1930 W. M. Ogden Harold Page L. N. Reynolds Eric Shepley F. L. Smith 1931 A. R. C. Ball Arnold Fitton George Foster J. R. Harris B. R. Reddy E. J. Robson	<div>Division I.</div> J. McN. Fisher W. L. Goodwin F. M. S. Morris M. K. Sein John Spiers M. E. T. Wilkinson Robert Yeaton <div>Division II.</div> Reginald Garrett J. L. Morrison R. B. Whittington	
1932 A. C. Brew F. J. Clark R. P. Desai J. B. Gibson G. H. Kenyon Hubert Law-Wright J. L. Matheson S. A. Quader George Smethurst W. W. Sturge Harry Taylor F. C. Williams	<div>Division I.</div> <sup>34</sup> Arnold Atherton C. W. Barnett William Fitton H. C. Oxburgh Arthur Raven Beatrice Shilling C. S. Tanner <div>Division II.</div> Sheila E. McGuffie Russell Polts S. W. Whiteman	J. P. Fox W. A. E. Gelder
1933 Arthur Burton R. F. Cleaver Alan Fairweather P. A. Hufton F. H. Moon Robert Slater Harry Stansfield	<div>Division I.</div> D. L. Armitage Jack Cooper J. W. Hoyle M. G. D. Khan H. B. Sedgfield <div>Division II.</div> A. S. Creak L. W. Kershaw L. C. Nield Alfred Forkington J. S. C. Wheeler	Frank Greenhalgh W. L. Parkinson

## PHYSICS.

1890 <sup>34</sup> Albert Griffiths Owens.	.. .	E. E. D. Davies... Owens.
1892 .....	.. .	W. P. Steintal... Owens.
1893 ...	.. .	T. C. Armitage ... Owens.
1894 J. D. Charlton ..... Owens.	.....	.....
<sup>10</sup> F. W. Smith ..... Univ.	.....	.....

## PHYSICS—continued.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1895 <sup>10</sup> W. M. Thornton <i>Univ.</i>	.....	.....
1896 . . . . .	W. B. Shaw... <i>Owens.</i>	.....
1897 . . . . .	Jonas Hammerton <i>Yorks.</i>	Edward Keeve . <i>Owens.</i>
1898 William Mason <i>Owens.</i>	James Lord ..... <i>Owens.</i>	. . .
	Joseph Lustgarten. <i>Owens.</i>	
1899 <sup>10</sup> A. H. Cooper ..... <i>Yorks.</i>	H. Morris-Airey.. <i>Owens.</i>	T. F. Connolly ... <i>Univ.</i>
<sup>10</sup> W. M. Varley ... <i>Yorks.</i>	Simon Rosenbaum <i>Owens.</i>	Olive O. Hooper.. <i>Univ.</i>
		John Tomlinson <i>Owens.</i>
1900 C. G. Barkla ..... <i>Univ.</i>	W. S. Brooks ..... <i>Owens.</i>	... ..
S. A. Shorter..... <i>Yorks.</i>	R. C. Wale ..... <i>Owens.</i>	
<sup>210</sup> G. C. Simpson <i>Owens.</i>		
1901 C. H. Grant ... <i>Yorks.</i>	Frederick Copley <i>Yorks.</i>	W. A. Andrews... <i>Yorks.</i>
	Douglas Farrar... <i>Owens.</i>	A. F. Quarmby... <i>Owens.</i>
	Percy Jarrett..... <i>Univ.</i>	
	F. J. Morgan ..... <i>Univ.</i>	
	Gwilym Owen ... <i>Univ.</i>	
1902 <sup>10</sup> A. S. Eddington <i>Owens.</i>	R. H. Albery ..... <i>Univ.</i>	Constance M. Bott <i>Univ.</i>
<sup>10</sup> J. W. Nicholson <i>Owens.</i>	Ernest Denton ... <i>Yorks.</i>	William Donaghy <i>Univ.</i>
H. E. Wood ... <i>Owens.</i>	F. T. Ellis ..... <i>Univ.</i>	Ethel E. Goodson <i>Yorks.</i>
	F. A. Haigh ... <i>Owens.</i>	
	J. H. Oates ..... <i>Yorks.</i>	
	Edgar Sutcliffe... <i>Owens.</i>	
1903 L. N. Barker ..... <i>Owens.</i>	Samuel Thorp ... <i>Yorks.</i>	R. B. Foster ..... <i>Univ.</i>
<sup>10</sup> Travis Rimmer <i>Owens.</i>	Thomas Wadsworth <i>Owens.</i>	Harry Hirst ..... <i>Owens.</i>
Frederick Unwin <i>Owens.</i>		J. A. Verity ... <i>Univ.</i>
1904 R. E. Grime ..... <i>Manc.</i>	.....	J. M. Baldwin ... <i>Manc.</i>
<sup>10</sup> J. G. Isherwood <i>Manc.</i>		G. F. Douglas ... <i>Manc.</i>
Abram Phillipson <i>Leeds.</i>		John McPherson <i>Manc.</i>
1905 J. R. Beard	Harold Clarke	Edith L. Hewlett A. W. Wildridge
1906 <sup>9</sup> <sup>11</sup> <sup>12</sup> Thomas Royds	David Hoyle	S. G. Atkinson Alice J. Taylor
1907 Stephen Butterworth	Thomas Gough	James Bleakley Clifford Rilely
<sup>9</sup> <sup>11</sup> <sup>12</sup> F. W. Whaley		
<sup>9</sup> <sup>11</sup> <sup>12</sup> William Wilson		
1908 <sup>11</sup> P. M. Elton	... ..	<i>Ineligible for Classification.</i>
<sup>7</sup> <sup>9</sup> <sup>11</sup> W. A. Harwood		<sup>9</sup> John West
<sup>9</sup> Roberto Rossi		
1909 <sup>9</sup> <sup>11</sup> Ernest Marsden	Harold Gerrard	.....
<sup>7</sup> <sup>11</sup> Margaret White		
1910 <sup>12</sup> Henry Cotton	W. L. Long Bevis Platt J. C. Platt	O. E. Waugh
1911 <sup>7</sup> James Chadwick	J. A. Clayton	.....
W. M. Gregory	George Matthews	
Joseph Higham	Ernest Nightingale	
<sup>11</sup> J. M. Nuttall		
<sup>11</sup> Harold Robinson		
<sup>9</sup> <sup>11</sup> H. P. Wainmsley		
<sup>28</sup> John Wood		
1912 Doris Bailey		.....
Ernest Green		
<sup>7</sup> <sup>11</sup> Harry Richardson		
<sup>11</sup> A. B. Wood		
1913 <sup>23</sup> G. E. Condliffe	W. H. Struthers	<i>Not Classified.</i>
<sup>23</sup> Bernard Williams	R. H. Wilson	O. C. Holland
1914 <sup>11</sup> Hartley Lupton	W. M. Fernyhough	W. C. Lantsberry
<sup>7</sup> <sup>11</sup> W. F. Rawlinson	J. W. Lewis George Mutch John Sheldon F. P. Slater	

PHYSICS—*continued.*

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1915 .....	Gilbert Lindsay James Poole William Swaine	William Staton W. E. Williams
1916 <sup>11</sup> Norman Tunstall <sup>11</sup> Joseph West	Gertrude F. Cocks Charles Croxson Hilda C. Parish	J. P. Kelly
1917 Annie Ellis	.....	..
1919 .....	Evelyn Taylor	..
1921 .....	Hilary Bradley	Leonard Fielden <i>Unclassified</i> W. G. Allanson
1922 Harold Boffey Ernest Butterworth Frank Charnley <sup>34</sup> A. J. Hailwood	<i>Division II</i> E. W. Corlett G. E. Lanigan	Frank Butler
1923 <sup>14</sup> <sup>35</sup> Orrell Darbyshire <sup>34</sup> James Gregory <sup>34</sup> T. S. Littler <sup>34</sup> <sup>35</sup> Leonard Wilcox	<i>Division I.</i> S. A. Walker <i>Division II.</i> S. W. Evans H. J. Gilbody	.....
1924 <sup>31</sup> Samuel Causey Dorothy Heyworth Frank Ward <sup>43</sup> W. A. Wood	<i>Division I.</i> Thomas Boyer G. B. Brown T. F. Spokes <i>Division II.</i> Norman Booth C. H. Smith	Harold Collinson F. J. Kelly John Pickston Harold Redford Joseph Tankard T. G. F. Wild
1925 <sup>34</sup> <sup>43</sup> Walter Binks <sup>34</sup> <sup>35</sup> J. T. Randall <sup>34</sup> <sup>35</sup> James Thewlis	<i>Division I.</i> James Adamson G. H. Cashen W. E. Dawson J. J. Riley <i>Division II.</i> H. S. Barlow Ellis Cockram E. S. Davies T. S. Hartley Ellis Livesey Maurice Longworth	Gertrude A. Hilton Stanley Keys J. E. Natrass Douglas Whittaker
1926 <sup>31</sup> William Ashhurst <sup>34</sup> <sup>35</sup> <sup>41</sup> G. W. Brindley <sup>31</sup> <sup>35</sup> <sup>43</sup> Elsie M. Firth <sup>34</sup> W. H. Taylor	<i>Division I.</i> C. H. Gregory L. E. Hall <i>Division II.</i> John Fishwick Jack Fitton Elsie Mackintosh F. J. Manning J. P. Stephenson Beatrice M. Whatnough William White <sup>26</sup> G. G. Wise	John Fowles Albert Francis Robert Howarth Wallace Rastburn
1927 <sup>31</sup> <sup>35</sup> <sup>43</sup> N. A. Alston Fred Baird <sup>34</sup> J. M. Bruckshaw <sup>34</sup> J. A. Darbyshire <sup>31</sup> <sup>35</sup> Fred Fothergill James Sudworth	<i>Division II.</i> J. K. Elliott Cyril Isherwood A. M. Knight J. L. Wintaker	J. D. Alderson
1928 <sup>31</sup> <sup>35</sup> Charles Dunbar <sup>11</sup> W. W. Jackson R. G. Wood	<i>Division I.</i> W. E. Carr Charles Jones <sup>7</sup> A. H. Jay W. U. Wray <i>Division II.</i> F. L. Finch Alan Meadows	L. E. Heath

# Honours Schools.

## PHYSICS—continued.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1929 <sup>34</sup> Jack Finney	<i>Division I.</i> Cecil Bellis Fenton Braithwaite	S. J. Grundy W. B. Hindle Harry Kaye Robert Whittaker
	<i>Division II.</i> Reginald Bogie Harry Pimlott P. C. Thornely Thomas Willcox	
1930 F. W. Cotton <sup>38</sup> J. S. Hey R. A. H. Hope <sup>43</sup> H. M. Parker <sup>43</sup> Harry Potter	<i>Division I.</i> George Lees R. L. Moore	A. C. Smith
	<i>Division II.</i> Wilfred Garthwaite Roland Jackson	
1931 Joseph Bor <sup>53</sup> Eric Eastwood <sup>43</sup> Deborah Jackson <sup>25</sup> <sup>13</sup> A. S. L. Morgan T. S. Walker	<i>Division I.</i> Alan Baxter Louis Frith Oscar Janus C. A. Meek K. R. Willacy	J. H. Corkill F. Y. Girgis J. M. Gorton G. A. Richardson
	<i>Division II.</i> H. V. Ellis Ernest Hughes Arnold Mather Mahmoud Omar F. J. Stubbs	
1932 <sup>35</sup> <sup>43</sup> Duncan Cameron D. I. Lawson Philip Parker	<i>Division I.</i> Margaret R. Fawthrop Eric Howgate R. S. Walshaw	J. L. Boardman J. H. Boyer S. L. Harrison D. R. Stubbs Herbert Wilkinson
	<i>Division II.</i> F. E. Baguley Kenneth Freeman John Hurst Arthur Jones	
1933 <sup>35</sup> J. W. Illingworth Ronald Liddington <sup>25</sup> <sup>13</sup> Arthur Porter T. H. Reynolds Abraham Taylor	<i>Division I.</i> L. W. Ball Alice Edwards William Huntingdon T. M. Martin	Harry Halstead A. H. Mitchell S. A. Quadri Maurice Stonestreet J. H. Walker
	<i>Division II.</i> J. A. T. Dawson H. R. Hindley Annie Masou J. R. Moore	

## CHEMISTRY.

1884 Conrad Gerland .. <i>Owens.</i>	A. W. Warrington <i>Owens.</i>
1885 <sup>18</sup> H. G. Colman .. <i>Owens.</i> Arthur Harden ... <i>Owens.</i>	Aug. Schloesser.. <i>Owens.</i>
1886 <sup>18</sup> R. J. Brown . . . . <i>Owens.</i> G. J. Fowler . . . . . <i>Owens.</i> J. P. Miller . . . . . <i>Owens.</i> C. A. Pauls . . . . . <i>Owens.</i>	.. .
1887 <sup>18</sup> F. C. Garrett . . <i>Owens.</i> Ernest Reckitt . . <i>Owens.</i>	W. H. Bracher . <i>Owens.</i> J. T. Smith.. . . <i>Owens.</i>
1888 F. Brownswold ... <i>Owens.</i> Vaughan Cornish <i>Owens.</i> <sup>13</sup> J. A. Hall ..... <i>Owens.</i> H. W. Smith . . . . <i>Owens.</i>	E. H. Jackson . <i>Owens.</i> Godfrey Melland <i>Owens.</i> .. .

## CHEMISTRY—continued.

First Class.	Second Class.	Third Class.
1889 <sup>14</sup> Thomas Ewan ... <i>Owens.</i>	.....	J. W. Marshall ... <i>Owens.</i>
1890 <sup>18</sup> S. H. Davies ... <i>Owens.</i> W. H. Joseland ... <i>Owens.</i>	A. W. Crossley ... <i>Owens.</i> E. V. Ellis ... <i>Univ.</i> Fred Marsden ... <i>Owens.</i> J. A. Storey ... <i>Owens.</i> E. A. Wagstaffe ... <i>Owens.</i>	A. W. Gilbody ... <i>Owens.</i> J. H. Lester ... <i>Owens.</i>
1891 <sup>18</sup> W. A. Bone ... <i>Owens.</i> <sup>19</sup> Arthur Carey ... <i>Univ.</i> <sup>20</sup> Harry Ingle ... <i>Yorks.</i>	William Udall ... <i>Owens.</i> A. H. Valentine ... <i>Owens.</i>	J. C. Quinn ... <i>Univ.</i>
1892 J. C. Cain ... <i>Owens.</i> <sup>14</sup> A. F. Fryer ... <i>Univ.</i> <sup>20</sup> H. H. Mann ... <i>Yorks.</i> <sup>10</sup> A. W. Titherley ... <i>Univ.</i>	F. E. Francis ... <i>Univ.</i> R. des F. Shepherd ... <i>Owens.</i>	N. S. Rudolf ... <i>Univ.</i>
1893 <sup>10</sup> G. H. Cross ... <i>Owens.</i> Frankland Dent ... <i>Yorks.</i> <sup>18</sup> Edw. Haworth ... <i>Owens.</i> <sup>20</sup> W. E. Sims ... <i>Owens.</i>	W. E. Bamber ... <i>Owens.</i>	W. H. Archdeacon ... <i>Yorks.</i> R. H. Clayton ... <i>Owens.</i> J. M. Murray ... <i>Owens.</i> A. A. Watson ... <i>Univ.</i>
1894 <sup>10</sup> W. H. Bentley ... <i>Owens.</i> <sup>18</sup> Walter Broxap ... <i>Owens.</i> John Harger ... <i>Univ.</i> John Wilson ... <i>Owens.</i>	J. N. Goldsmith ... <i>Owens.</i> Ellis Hyde ... <i>Owens.</i> W. R. Innes ... <i>Univ.</i> Joseph Okell ... <i>Owens.</i> F. H. Strange ... <i>Owens.</i>	H. A. Anden ... <i>Owens.</i> M. W. Burrows ... <i>Owens.</i> L. St. G. Byne ... <i>Owens.</i> J. A. M. Forrest ... <i>Owens.</i> Edward Graham ... <i>Owens.</i> R. E. Kenyon ... <i>Univ.</i>
1895 C. K. Barnes ... <i>Univ.</i> J. L. Heinke ... <i>Owens.</i> W. M. Hooton ... <i>Univ.</i> <sup>10</sup> D. S. Jordan ... <i>Owens.</i> <sup>13</sup> George Robinson ... <i>Owens.</i> <sup>20</sup> H. F. Robinson ... <i>Owens.</i> <sup>9</sup> G. P. Varley ... <i>Owens.</i>	Ernest Bury ... <i>Owens.</i> J. H. Clarke ... <i>Owens.</i> J. W. French ... <i>Owens.</i> G. C. Fry ... <i>Yorks.</i> Thomas Guthrie ... <i>Yorks.</i> W. T. Jeemings ... <i>Owens.</i>	H. R. Hirst ... <i>Yorks.</i> Herbert King ... <i>Yorks.</i> W. H. Yates ... <i>Owens.</i>
1896 C. T. Abell ... <i>Owens.</i> E. H. Bagnall ... <i>Owens.</i> <sup>10</sup> Geo. Birtwistle ... <i>Owens.</i> <sup>10</sup> W. A. Caspari ... <i>Univ.</i> F. J. Farrell ... <i>Owens.</i> R. H. Jones ... <i>Owens.</i> F. H. Lowe ... <i>Owens.</i> <sup>14</sup> R. T. Maudsley ... <i>Owens.</i> E. L. Peck ... <i>Univ.</i> E. Shorrocks ... <i>Owens.</i> J. H. Sugden ... <i>Yorks.</i> J. K. Wood ... <i>Owens.</i>	C. E. Brittain ... <i>Yorks.</i> Arthur King ... <i>Yorks.</i> J. H. Shores ... <i>Univ.</i> P. G. Wilson ... <i>Univ.</i> J. H. Young ... <i>Owens.</i>	Joshua Bowser ... <i>Owens.</i> J. H. Collett ... <i>Owens.</i> F. H. Gornall ... <i>Owens.</i> Wm. Trantom ... <i>Univ.</i> H. W. Watson ... <i>Yorks.</i>
1897 <sup>10</sup> R. W. Collinson ... <i>Owens.</i> <sup>10</sup> Frederick Davis ... <i>Owens.</i> <sup>20</sup> A. T. deMouillpied ... <i>Owens.</i> <sup>18</sup> C. Farmer ... <i>Univ.</i> J. H. Hallam ... <i>Owens.</i> Harold Hibbert ... <i>Owens.</i> Fred Howles ... <i>Owens.</i> R. S. Hutton ... <i>Owens.</i> W. B. Ramsden ... <i>Owens.</i> H. A. Wilson ... <i>Yorks.</i>	T. B. Bailie ... <i>Univ.</i> J. H. Ball ... <i>Univ.</i> W. H. Harrison ... <i>Yorks.</i> J. M. Miller ... <i>Owens.</i> J. S. Smythe ... <i>Univ.</i>	J. H. Johnston ... <i>Owens.</i>
1898 W. St. G. Drennan ... <i>Owens.</i> C. J. Green ... <i>Owens.</i> Herbert Lovinstein ... <i>Owens.</i> <sup>10</sup> F. A. Lidbury ... <i>Owens.</i> J. L. Rose ... <i>Owens.</i> <sup>20</sup> F. W. Skirrow ... <i>Yorks.</i> <sup>13</sup> Norman Smith ... <i>Owens.</i> J. H. Thomas ... <i>Owens.</i> W. H. Whatnough ... <i>Owens.</i>	Edward Aldern ... <i>Owens.</i> N. E. Bowtell ... <i>Owens.</i> H. T. Calvert ... <i>Yorks.</i> Albert Coulthard ... <i>Owens.</i> E. B. Naylor ... <i>Owens.</i> B. V. Storr ... <i>Yorks.</i> J. B. Taylor ... <i>Univ.</i> J. H. Todd ... <i>Owens.</i> F. S. Watson ... <i>Owens.</i>	Ellen Fish ... <i>Owens.</i> Frank Nicoll ... <i>Owens.</i> H. P. Pearson ... <i>Owens.</i> J. D. Peterkin ... <i>Owens.</i> Annie Scotson ... <i>Owens.</i> W. J. Young ... <i>Owens.</i>
1899 <sup>9</sup> F. W. Rixon ... <i>Owens.</i> <sup>18</sup> John Taylor ... <i>Owens.</i> <sup>10</sup> Charles Walker ... <i>Owens.</i>	W. B. Baron ... <i>Owens.</i> H. J. Bash ... <i>Owens.</i> W. K. Cheshire ... <i>Owens.</i> J. H. Davidson ... <i>Owens.</i> W. H. N. Dobson ... <i>Yorks.</i> E. C. Lester ... <i>Univ.</i> Frederick O'Brien ... <i>Univ.</i>	Harold Marsden ... <i>Owens.</i> G. P. Pollitt ... <i>Owens.</i>

## CHEMISTRY—continued.

First Class.	Second Class.	Third Class.
1900 W. R. Anderson ... <i>Owens.</i> 1 <sup>18</sup> 20 C. H. Burgess ... <i>Owens.</i> Ben Dawson... .. <i>Owens.</i> 10 R. B. Denison ... <i>Yorks.</i> 10 D. T. Jones ... .. <i>Owens.</i> 20 E. B. Ludlam ... .. <i>Univ.</i>	A. L. Allen ... .. <i>Owens.</i> Lawrence Bradshaw <i>Owens.</i> H. W. Brownson <i>Univ.</i> F. W. Holmes ... <i>Owens.</i> Ernest Ormerod <i>Owens.</i> Sydney Read..... <i>Owens.</i> Edgar Stansfield <i>Owens.</i> A. B. Shepherd ... <i>Yorks.</i>	A. L. Aspland ... <i>Owens.</i>
1901 <sup>18</sup> H. D. Dakin ... <i>Yorks.</i> 1 <sup>10</sup> E. C. Edgar ... .. <i>Owens.</i> E. B. Le Mare ... .. <i>Owens.</i> 20 E. R. Needham ... <i>Owens.</i> Frank Popplewell <i>Owens.</i> 1 <sup>10</sup> 20 J. F. Spencer... <i>Univ.</i> S. D. Stennitt ... .. <i>Owens.</i> 10 E. E. Whiteley ... <i>Yorks.</i> W. A. Whitton..... <i>Univ.</i>	Samuel Baldwin... <i>Owens.</i> Ernest Briggs..... <i>Univ.</i> Amos England ... <i>Owens.</i> Robert Gawler ... <i>Yorks.</i> William Jones ... <i>Univ.</i> George Nelson ... <i>Owens.</i> J. K. Starkie ... .. <i>Owens.</i> A. M. Sturges ... .. <i>Owens.</i> J. H. Thwaites ... <i>Univ.</i>	Ernest Garratt.. <i>Univ.</i> Sam Heap ..... <i>Owens.</i>
1902 J. T. Allpass..... <i>Owens.</i> Samuel Bateman... <i>Owens.</i> S. H. C. Briggs ... <i>Yorks.</i> 10 F. J. Brislee ... .. <i>Univ.</i> Frederick Dewhurst <i>Owens.</i> F. E. Grant ... .. <i>Yorks.</i> 1 Edwin Hopkinson <i>Owens.</i> Alfred Morris ... .. <i>Owens.</i> 10 20 William Partington <i>Owens.</i> 13 20 F. L. Pyman ... <i>Owens.</i> A. J. Robinson..... <i>Owens.</i> Alexander Rule ... <i>Univ.</i> Francis Taylor ... <i>Yorks.</i> R. F. Taylor..... <i>Owens.</i> Harold Wharton... <i>Owens.</i>	Arthur Forshaw .. <i>Owens.</i> 1 G. W. A. Foster <i>Owens.</i> Rufus Gaunt ... .. <i>Yorks.</i> R. J. Hall ... .. <i>Owens.</i> John Hazlewood... <i>Owens.</i> Herbert Henstock <i>Owens.</i> E. G. Jones ... .. <i>Univ.</i> T. D. Lee ... .. <i>Owens.</i> James M. Connan <i>Univ.</i> Frank Maudsley... <i>Owens.</i> Harold Norminton <i>Yorks.</i> H. S. Redfern ... .. <i>Yorks.</i> W. E. Stockings... <i>Owens.</i> J. T. Thompson... <i>Yorks.</i>	L. A. Coxon ..... <i>Yorks.</i> S. S. Reynolds... <i>Owens.</i>
1903 <sup>18</sup> Harold Baron ... <i>Owens.</i> 10 H. F. Coward... .. <i>Owens.</i> J. W. Haddon ... .. <i>Owens.</i> 10 Luther Naylor ... <i>Owens.</i> S. S. Pickles ... .. <i>Owens.</i> 10 H. S. Raper... .. <i>Yorks.</i> Fred Scholefield... <i>Yorks.</i>	J. J. Ellis ... .. <i>Yorks.</i> W. H. Evans ... .. <i>Owens.</i> W. B. Jackson ... .. <i>Owens.</i> E. L. Lomax ... .. <i>Owens.</i> F. H. Palmer ... .. <i>Owens.</i> 1 R. V. Wheeler ... <i>Owens.</i>	W. C. Denniston <i>Owens.</i> Sydney Gooch... <i>Owens.</i> Edwin Rhodes... <i>Yorks.</i>
1904 <sup>7</sup> 10 G. W. Andrew... <i>Manc.</i> 13 J. S. Broome... .. <i>Manc.</i> J. C. Cowap. ... .. <i>Manc.</i> John Gatecliff..... <i>Leeds.</i> Egerton Hargreaves <i>Manc.</i> Percival Hartley ... <i>Leeds.</i> 1 S. H. Higgins..... <i>Manc.</i> 7 1 F. W. Kay ... .. <i>Manc.</i> Joseph Marshall... <i>Leeds.</i> C. W. Moore..... <i>Manc.</i> 10 20 W. H. Perkins <i>Manc.</i> J. N. Pring ... .. <i>Manc.</i> Walter Ritchings <i>Manc.</i> 23 J. L. Simonsen..... <i>Manc.</i> 10 I. H. Zortman ... <i>Leeds.</i>	J. G. Bearn ... .. <i>Manc.</i> Harold Chlam... .. <i>Leeds.</i> P. W. Chadwick ... <i>Leeds.</i> W. L. Heaton... .. <i>Manc.</i> Albert Kitchin ... <i>Manc.</i> N. B. Radcliffe ... <i>Leeds.</i>	Edith B. Barton <i>Leeds.</i> John Brentnall <i>Manc.</i> A. M. Cohen. .... <i>Manc.</i> Anne Latham <i>Manc.</i> Henry Nuttall... <i>Manc.</i> C. H. Oxland ... <i>Manc.</i> W. H. Patterson <i>Manc.</i> Alexander Wilson <i>Manc.</i>
1905 <sup>9</sup> J. E. Ramsbottom 12 20 Robert Robinson 1 13 20 Rona Robinson 10 Peter Sandiford G. B. Stones	Samuel Chadwick Ashley Dukes E. B. Falkner J. H. Garnett R. B. Rawsthorn George Rutter Frank Willott	T. K. Brownson H. H. Dodds T. T. Foster Herbert Marsden F. W. D. Marshall G. S. Naylor



## CHEMISTRY—continued.

First Class.	Second Class.	Third Class.
1906 J. C. A. Brierley Thomas Callan <sup>20</sup> Sarah E. Clements <sup>11</sup> <sup>20</sup> V. J. Harding H. F. Harwood <sup>9</sup> <sup>14</sup> W. N. Haworth <sup>13</sup> R. E. Slade H. L. Smith Muriel Thompson <sup>11</sup> Thomas Whitehead	L. H. Brennan N. A. Creeth J. G. Harrison Harri Heap Norman Lees W. T. Lockett J. H. Naylor E. W. Smith Frederick Thomas	....
1907 <sup>9</sup> J. H. Andrew H. H. Gray <sup>7</sup> <sup>14</sup> H. C. Greenwood Harold Hartley P. S. MacMahon <sup>7</sup> M. R. Turner <sup>11</sup> Hubert Watson	<sup>20</sup> A. V. Clegg Allin Cottrell F. B. Dolin William Edwards Norman Taylor	Francis Alker Frank Bird E. G. Gaul A. R. Smith R. D. Spencer
1908 Claire E. Adams G. T. Byrne <sup>9</sup> John Ferns <sup>11</sup> L. H. Harrison <sup>12</sup> G. S. Hilbert <sup>7</sup> Edward Hope <sup>14</sup> A. G. Lobley W. J. Read <sup>13</sup> Robert Storey H. A. Wood	S. R. Best Edmund Downs Fred Fairbrother William Fielding R. V. Norris T. F. R. Rhead Ernest Stedman	Arthur Jones Edward Jones W. R. Pattinson F. E. Stocks R. J. Walley
1909 Colin Campbell James Crabtree Mary E. Dobson <sup>11</sup> <sup>20</sup> J. C. Duff Herbert Marsden <sup>20</sup> J. T. Millers <sup>7</sup> <sup>11</sup> <sup>14</sup> J. R. Partington <sup>7</sup> <sup>13</sup> Dan Tyrer	A. S. Bowyer T. R. Bradbury A. R. Campbell Nathaniel Greenhalgh Dorothy Harrop Phineas Horowitz H. G. Nason	Hannah Bamford W. W. Burrell J. S. Lee Harold Lowe John Wilson
1910 <sup>20</sup> Henry Browning T. Q. Chou <sup>11</sup> W. W. Close Charles Cooper Thomas Curzon Albert Haworth <sup>11</sup> <sup>20</sup> Fred Holt <sup>9</sup> Arthur Hopwood Clara Houghton W. P. Johnson <sup>14</sup> H. M. Lingford <sup>7</sup> J. R. Myers <sup>20</sup> W. M. Roberts Albert Taylor Tom West	Margaret Benson Norman Bland O. S. Douse Ernest Griffith-Jones <sup>9</sup> R. T. Hardman N. F. S. Hubbard M. S. Hutchinson Clarence Jepson Alfred Mercer W. A. Wainusley T. A. Williams Robert Young	D. M. Fairlie W. G. Freemantle John Grayson William Ingham H. C. Johnson Herbert Middleton J. A. Stitt C. S. Williams
1911 J. R. Bainbridge J. E. Byles <sup>13</sup> <sup>20</sup> David Cardwell Gladys Cliffe J. I. Crabtree J. R. Curzon A. A. Drummond Sydney Emsley James Fletcher J. S. Morgan R. S. Pollard <sup>11</sup> <sup>13</sup> J. A. Prescott <sup>11</sup> <sup>20</sup> A. S. Robinson <sup>7</sup> <sup>11</sup> <sup>13</sup> D. S. Shepherd <sup>20</sup> <sup>24</sup> William Stafford <sup>7</sup> <sup>11</sup> <sup>13</sup> Henry Stephen Wilfred Vickers	J. A. Cockshutt Thomas Deighton Vernon Edge R. P. Foulds Arthur Moore <sup>9</sup> E. M. Mumford Benjamin Pollard A. D. R. Pullman Herbert Twist William Whiteley	H. H. Jackson E. W. King

## CHEMISTRY—continued.

## First Class.

- 1912 George Adamson  
G. S. Agashe  
J. B. Firth  
13 20 Reginald Furness  
11 Harold Goodwin  
A. B. Hobson  
S. G. Johnson  
9 Leonore Kletz  
Eva F. Lubrzynska  
7 11 Albert Parker

## Second Class.

- S. D. Adshead  
R. M. Beesley  
C. H. Cooper  
R. G. Fargher  
P. H. Guest  
Norman Hall  
William Huhne  
James Kenyon  
A. G. Knott  
H. M. Lowe  
Eric Oldham  
E. L. Sellars  
Charlotte M. Stewart  
T. R. Stopford

## Third Class.

- F. H. Claus  
J. M. Drummond  
A. S. Newbold

- 1913 11 E. G. Bainbridge  
20 Harry Bradbury  
7 13 Percy Chorley  
C. J. T. Cronshaw  
J. E. Hynes  
11 W. A. Meir  
R. S. Mellor

- John Bradshaw  
A. W. Burger  
Hugh Childs  
Arthur Fairbourn  
T. O. Gerard  
24 Joe Handforth  
Harold Jackson  
Herbert Jolly  
F. V. Knott  
Maggie A. Mellor  
A. V. Rhoad  
14 33 F. A. Royle  
Harold Schröder  
Walter Sharrott  
Wilfred Sheldon  
W. E. Slater  
Dorothy C. Stiebel

- Arthur Bicknell  
J. P. Butterworth  
Moses Copisarow  
Oscar Lewtas  
G. S. Pumphrey

- 1914 A. C. Barnes  
William Carr  
A. B. Hatton  
11 20 H. D. Kay  
J. W. Slater  
9 11 20 W. K. Slater  
Wilfred Whalley  
12 E. C. Williams  
F. H. Wykes

- Sam Gaskell  
Herbert Hewitt  
Harold Housley  
John Mack-rill  
H. H. Maxfield  
A. L. Norbury  
Stanley Platt  
Albert Riley  
Harry Slack  
V. H. Stott  
Charles Woodham

- H. F. Dawn  
Eric Robertson

- 1915 11 20 J. W. Crabtree  
7 Fred Fairbrother  
20 T. H. Fairbrother  
11 S. F. Garrard  
13 Harry Wignall

- F. T. Airey  
John Albinson  
T. S. Alexander  
R. T. Alston  
C. H. Bamber  
James Charlton  
T. B. Leicester  
Lily Letter  
Nathalie Rosenblum  
B. P. Rothkopf  
Frank Slater  
Hubert Sutton  
Edwin Taberner  
T. K. Walker

- W. G. Dixon  
W. A. Kirkby

- 1916 20 C. A. Blackwell  
Arthur Glover  
Harry Peck  
11 20 George Smith  
P. K. Standing  
11 F. V. Tidswell  
13 H. W. Vernon

- Amos Gill  
C. B. Hampson  
Frank Jackson  
Herbert Pearson  
William Pickford  
C. L. Rose  
James Stanworth  
H. T. Sutcliffe

- Frank Hudson  
G. B. Radcliffe  
Frank Trippier

## CHEMISTRY—continued.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1917 <sup>17</sup> William Davies <sup>11</sup> <sup>20</sup> Geoffrey Gladding <sup>11</sup> <sup>20</sup> Marion E. Mitchell Oliver Ormerod	Mary A. Ball W. W. Kay W. J. Lewis Alice M. Marsden <sup>20</sup> R. B. Rawcliffe Thomas Winward	D. J. Whitehead
1918 <sup>18</sup> <sup>20</sup> <sup>29</sup> W. E. Alkins <sup>29</sup> John Harwood <sup>11</sup> <sup>20</sup> Edith Heyworth <sup>7</sup> <sup>29</sup> W. R. Short	<sup>20</sup> W. J. Shutt Winifred M. Stopard Lilian Tunncliffe	..
1919 Constance Birtwell <sup>7</sup> <sup>18</sup> <sup>14</sup> <sup>20</sup> <sup>29</sup> R. D. Haworth <sup>20</sup> Lucy Higginbotham May Miller <sup>14</sup> J. B. Shoesmith	<sup>20</sup> Gladys M. Burrows B. P. J. Clarke <sup>29</sup> N. S. Walls Hilda Whittenbury	..
1920 <sup>11</sup> <sup>20</sup> J. P. Brown <sup>7</sup> <sup>11</sup> <sup>20</sup> <sup>23</sup> G. N. Burkhardt <sup>23</sup> Ernest Chapinan Bessie Lee T. H. Minton <sup>11</sup> <sup>20</sup> A. J. Murphey <sup>11</sup> <sup>20</sup> Margaret G. Simpson <sup>18</sup> <sup>20</sup> J. B. Speakman <sup>20</sup> Enoch Swan W. H. Watson <sup>11</sup> <sup>28</sup> <sup>38</sup> J. M. Wilkinson	Marie Bagnall Kathleen Brown Walter Cartwright Alfred Dearnaley Herbert Dye Annie Earnshaw J. A. Gilman Katherine N. H. Harker Esther Kay H. L. Mahan E. O. Ransome W. P. Rees L. R. Ridgway William Sever Albert Taylor	Eliza Finch Mary Haworth Violet W. Jeans Margaret I. Main H. L. Penney M. H. Seferian
1921 <sup>17</sup> <sup>14</sup> <sup>20</sup> Wilson Baker Lawrence Bullin Carlton Butler <sup>11</sup> <sup>20</sup> J. H. Daly N. W. Farmer <sup>11</sup> <sup>21</sup> <sup>21</sup> Marcus Francis <sup>11</sup> <sup>10</sup> Gilbert Greenwood <sup>20</sup> L. J. Harris Harold Hindle <sup>20</sup> A. L. Jones C. N. H. Long <sup>7</sup> Harold Mastin Henry Robinson W. M. Shortt Charles Simpson Garfield Thomas <sup>28</sup> Sidney Thornley	W. H. Allen Alfred Barlow F. T. Barraclough Frank Barton Dorothy L. Bentley <sup>9</sup> <sup>28</sup> A. J. Bradley H. E. Buckley A. J. Dale Milton Dewhurst R. Y. Digby Thomas Eden Ethel Goodier H. C. Grimshaw F. J. Hartwell <sup>11</sup> <sup>28</sup> E. S. Hedges Julian C. V. Hirst W. H. Jones D. A. Law <sup>11</sup> <sup>21</sup> L. T. Lowe Archibald Philip J. H. Race N. C. Rock Elsie Shaw <sup>20</sup> James Slate A. L. Smith Florence V. Stephen William Tavior C. P. Thorpe Norman Tilling Eric Whalley	Margaret Y. Atkinson Bessie E. H. Cadness J. F. Corrigan Frederick Daniel J. F. Davison Marjorie Laidler E. A. Levy John Morrison Max Pemberton Freda M. Pritchard J. A. Schedler J. O. Wadhams

## CHEMISTRY—continued.

## First Class.

- 1922 M. J. Aldrick  
Harry Cockerill  
G. F. Goodall  
T. D. Grindley  
7 33 H. A. Harrison  
34 35 J. B. M. Herbert  
J. T. Howarth  
13 20 J. R. A. Jinks  
B. P. Jones  
G. B. Maxwell  
Harold Taylor  
20 Harold Taylor (Bacup)  
(Bolton)  
20 C. W. Wood  
20 34 Harold Wood  
W. S. Wood

## Second Class.

## Division I.

- Florence Ashworth  
A. B. Bell  
L. L. Buckley  
Archibald Coates  
Frank Cropper  
D. C. Curphey  
G. W. Greaves  
Harold Halkyard  
W. H. Moss  
Janet Single  
S. R. Stubbs  
20 G. H. Whyatt

## Division II.

- 25 William Atherton  
John Ball  
Donald Benson  
Orlando Boothby  
G. W. J. Coleman  
Ronald Davidson  
F. B. Davies  
Harry Dunsbee  
H. T. Farrar  
L. B. Gibbins  
E. R. Gibbon  
D. W. Glover  
William Gray  
Frank Harker  
Robert Haworth  
G. W. Hyde  
Leonard Jones  
H. T. Leach  
Victor Lever  
John Makin  
H. B. Martin  
S. G. Mills  
V. A. Morris  
Bernard Oulton  
Norman Partington  
B. J. Salmon  
W. D. M. Simm  
E. C. Smith  
H. K. Southern  
Ronald Timpe  
D. R. T. Timperley  
J. G. Wake  
S. N. Whittaker  
Philip Williams  
T. O. Wilson  
D. W. Woodhead

## Division I.

- 1923 Kenneth Bullock  
Herbert Hardman  
20 34 Marion Heyes  
Ernest Howarth  
Cyril Marshall  
34 35 N. L. Mathews  
R. W. Moncrieff  
7 13 20 A. E. Oxford  
W. A. Richardson  
34 John Stafford
- Frank Ashworth  
W. A. Caro  
Robert Cowan  
J. L. Harris  
John Haslam  
Marion Higham  
F. W. Hindes  
B. H. Ingham  
T. R. Lea  
E. L. Mills  
Thomas Smithies  
Muriel M. H. Sutcliffe  
Phyllis P. Whitehead

## Division II.

- Fred Ashworth  
20 R. N. Bate  
G. J. W. Ferrey  
20 W. J. Galloway  
F. C. Happold

## Third Class.

- Joseph Brundrett  
Doris Burns  
Mary H. Butler  
J. P. Cockcroft  
J. E. Cunna  
F. R. Gibson  
R. J. Hannay  
John Harvey  
D. H. Hutton  
F. H. Jolly  
B. W. Jones  
Fred Kay  
Edwin Richardsson  
D. A. Smith  
E. B. Stubbs  
Doris M. Thomas  
H. E. Turner  
W. H. N. Whyman

- Percy Almond  
R. E. Barnes  
Thomas Blashill  
T. E. Blaylock  
J. R. Clarke  
Wilfrid Dunkerley  
A. G. Hartley  
Thomas Hope  
Wilfred Mayoh  
Ethel Mills  
Walter Moreton  
Grace M. Roy  
G. E. Shaw  
Victor Smith  
A. V. Unsworth  
James Williams  
J. F. G. Wynne

## CHEMISTRY—continued.

First Class.	Second Class.	Third Class
1923	<i>Division II.</i> —contd. W. F. Higgins John Horrocks L. V. Lecomber Kenneth Riley J. L. Schofield Ernest Shepherd Nathaniel Walker Kathleen N. Ward Eric Watson Walter Watson R. E. Wilshaw Edgar Winterbottom	
1924 <sup>7</sup> <sup>33</sup> <sup>41</sup> William Bradley <sup>34</sup> <sup>35</sup> Enid Garnett Albert Greenough <sup>20</sup> <sup>41</sup> Tom Heap Arthur Hughes Frank Jackson <sup>34</sup> <sup>35</sup> D. R. Lewis <sup>13</sup> C. E. Marshall John Ritchie E. B. Robinson <sup>34</sup> Harry Shaw	<i>Division I.</i> Richard Greenhalgh Frank Hill W. R. Orvell  <i>Division II.</i> Grigore Alexandresco Ralph Ashton Roy Bracegirdle R. J. Bramhall G. W. Cockrill Herbert Davies Jacob Halévy Marjorie D. Johnston Sydney Law John Mackereth H. G. Moore James Walkden	Harold Balme F. K. Birkett J. A. K. Brown S. E. Chaloner Leonard Cooper Alfred Horrocks Alec Mottram H. G. Woolman
1925 <sup>41</sup> R. C. Fawcett <sup>34</sup> Morrison Greenwood <sup>20</sup> H. C. Hillary <sup>13</sup> <sup>20</sup> H. R. Leech Percy Lord Clifford Melling J. H. Rathbone <sup>7</sup> <sup>20</sup> <sup>34</sup> C. G. Sumner T. G. Tanner <sup>34</sup> <sup>35</sup> Harold Varley	<i>Division I.</i> C. B. Findler Margaret Lever Elizabeth Rouse Phyllis Senogles H. B. Stent Nina M. Whitworth Leslie Wright  <i>Division II.</i> R. H. Bradbury P. D. Coppock H. M. Crighton Kenneth Gilbraith Wallace Heyes J. W. Kershaw Squire Roe	Ellen Cane Nellie Cropper Ada M. Struthers Alice Wallwork Ronald Walton
1926 <sup>7</sup> <sup>13</sup> A. C. Bottomley <sup>33</sup> <sup>34</sup> <sup>35</sup> M. G. Evans <sup>34</sup> <sup>35</sup> A. C. Finch Alfred Pollard A. E. Ridler <sup>34</sup> <sup>35</sup> Frank Wormwell	<i>Division I.</i> K. V. Christie E. C. Ormesher Caecilia E. M. Pugh Joseph Samuel John Scott Donald White  <i>Division II.</i> G. A. Bayley John Clarke E. G. Cottrill Q. L. Craddock Edmund Cropper L. T. Darch G. A. Fletcher Sidney Gill F. W. Haworth Maldwyn Jones J. L. Massey E. L. Peel Richard Pickup A. H. Walker	Annie O. Green Sayed Mosallam D. S. Perry

## CHEMISTRY—continued.

## First Class.

- 1927<sup>34</sup> Mark Balkin  
<sup>13</sup>S. J. Folley  
<sup>34</sup><sup>35</sup>L. P. Kendall  
<sup>34</sup><sup>35</sup>W. H. Roscoe  
<sup>33</sup>Clifford Whitworth

- 1928<sup>7</sup> <sup>34</sup><sup>35</sup>A. D. Ainley  
<sup>7</sup> <sup>34</sup><sup>35</sup>Wesley Cocker  
<sup>13</sup>F. L. Hudson  
 Phyllis Nanney  
 D. G. Pemberton  
<sup>34</sup>H. W. Scott

- 1929 Merton Blank  
<sup>34</sup><sup>35</sup>John Brittain  
<sup>23</sup> <sup>34</sup><sup>35</sup>E. V. Casey  
 Warris Hodgson  
<sup>7</sup>W. B. Littler  
 C. W. Marshall  
<sup>13</sup>A. E. Stubbs

- 1930 Nora Bownass  
 Arthur Brierley  
 J. S. Files  
<sup>7</sup>W. S. M. Grieve  
<sup>58</sup>N. E. Holden  
 E. H. Paulson  
<sup>13</sup>Jack Rigg

- 1931 Hilda M. Barnsdale  
 Maud Berrington  
 Mary St. F. Deakin  
<sup>13</sup>Geoffrey Gee  
 Donald Hey  
 Alfred Housley  
 W. A. G. Leece  
 R. J. B. Marsden  
<sup>7</sup> <sup>35</sup>Geoffrey Ogden  
 I. R. Silverman

## Second Class.

*Division I.*  
 Bertram Clark  
 J. R. Files  
 R. L. Hall  
 Margaret I. Nash  
 Arthur Walton  
 Harry Wildman  
 Jack Wood

*Division II.*  
 Mary Duckworth  
 William Holmes  
 Alice C. Kellett

*Division I.*  
 Edward Bishop  
 W. H. Jones  
 Walter Owen

*Division II.*  
 H. A. Baxendale  
 Norman Calvert  
 I. L. Clifford  
 Cecil Haslam  
 Alfred Huntington  
 Rupert Lyth  
 C. C. Marginson  
 Elias Peak  
 G. W. Sutcliffe  
 D. G. Tompkins

*Division I.*  
 Florence M. Foster  
 Leonard Marsden  
 C. A. Mawson  
 Bertha Parker  
 Cecil Robins  
 Dawson Thorp

*Division II.*  
 Roland Chatterton  
 M. F. Cutler  
 Freda Foster  
 E. H. Mattinson  
 Simon Potash

*Division I.*  
 G. A. Harding  
 J. H. Hicks  
 Eric Killingbeck  
 Harold Lowther

*Division II.*  
 Grace M. Brewis  
 Alfred King  
 Maurice Linnell  
 R. F. Starkey  
 G. L. Thompson  
 W. C. Tomlinson

*Division I.*  
 John Burchill  
 S. S. Green  
 Mary C. Mason  
 H. B. Priestley  
 D. D. Stokes  
 Robert Sullivan

*Division II.*  
 K. B. Cook  
 Helena R. Corbishley  
 K. A. Crowther  
 R. W. Pickup  
 Gershon Shaffer

## Third Class

H. J. Blythe  
 Eileen M. Cressy  
 H. G. Dyson  
 Constance Higginbottom  
 Thomas Kirkman  
 Hyme Leimpert  
 Reginald Wilkinson

Grace Beever  
 Evelyn Rushton  
 A. K. Wahbi

T. P. Ellis  
 D. L. Morgans

.....

Hugh Martindale

## CHEMISTRY—continued.

<i>First Class.</i>		<i>Second Class.</i>	<i>Third Class</i>
1932	Doris C. Castle W. G. K. Ford <sup>11</sup> <sup>37</sup> E. R. B. Jackson <sup>12</sup> Louis Linnell <sup>38</sup> Ronald Preston <sup>12</sup> Thomas Vickerstaff	<i>Division I.</i> Margery Clark A. K. Davenport Doris Oxtoby  <i>Division II.</i> A. F. Best W. H. Bone Kenneth Richards M. J. Robinson Thomas Shaw Eric Singleton C. E. White Sidney Whiteley	F. S. Frith
1933	J. G. Anderson <sup>14</sup> A. G. Evans Patricia W. Hornbrook Charles Horrex R. N. Jones <sup>11</sup> Ernest Warhurst James Whittaker Rowland Wilkinson H. C. Wrather	<i>Division I.</i> K. H. Cheetham Doreen I. Jenkins Joyce Ogden E. R. Oldman Edna M. Wright  <i>Division II.</i> Reuben Feingold Ethel M. Johnson Henry King Arthur Lowe Norman Matthews Jack Nicholson Kathleen M. Smith	

## ZOOLOGY.

1885	.....	Arthur Dendy ... <i>Owens.</i>	.....
1891	<sup>8</sup> F. W. Gamble ... <i>Owens.</i>	.. ..	.. ..
1894	<sup>10</sup> J. A. Clubb ..... <i>Univ.</i>	.....	.....
1897	<sup>10</sup> A. R. Jackson ... <i>Univ.</i>	E. J. W. Harvey <i>Univ.</i>	.....
1900	.....	Isa L. Hiles... .. <i>Owens.</i>	Henry Thorp..... <i>Owens</i>
1901	H. F. Standing... <i>Yorks.</i>	.. ..	.....
1902	<sup>10</sup> Joseph Pearson <i>Univ.</i>	...	<sup>9</sup> Helen M. England <i>Owens</i>
	<sup>10</sup> Walter L'attersall <i>Univ.</i>		
1903	.....	J. A. Dell . . . . . <i>Yorks.</i>	.....
1905	<sup>11</sup> C. G. Hewitt	R. L. Marsh	.. ..
1906	.....	<sup>18</sup> F. H. Gravely	.....
1907	Annie Isgrove	...	.....
1908	Winifred E. Coward	.	.....
1909	...	Kate Duffy	.. ..
1910	...	Philippa C. Esdaile	.....
1912	<sup>11</sup> Geoffrey Lapege	Annie Kyffin	.....
	<sup>28</sup> Dorothy A. Stewart	Olga G. M. Payne	
	R. A. Wardle		
1913	....	Irene J. Gregory	Kathleen Clegg Ernest Holden
1915	<sup>11</sup> Raymond Williamson	<sup>18</sup> <sup>28</sup> Constance M. Lightbown Amy Williamson	.....
1916	<sup>18</sup> Alwen M. Evans	Geoffrey Talbot	Ethel A. Watts
1917	Lilian Parker	.. ..	.....
1918	...	Mary Barnes Madge Kay	Hilda A. Cruikshank Hilda M. Suthers

## ZOOLOGY—continued.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1919 .....	Edith Vernon	
1920 Elsie I. MacGill	.....	..
1921 .....	*Ann Bishop	..
1922 <sup>34</sup> O. D. Hunt	<i>Division I.</i>	..
*Eileen Threlkeld	Hilda M. Wright	
	<i>Division II.</i>	
	Mary E. Holder	
	Elsie G. Thom	
1923 <sup>34</sup> O. B. Lean	<i>Division I.</i>	Winifred Sutton
Ferris Neave	Annie O. Martin	Elizabeth A. Taylor
	Mary Stewart	
1924 Rose A. Barr	<i>Division I.</i>	.. ..
Mary W. M. Jepson	Monica I. Golding	
Joyce B. Yeoman	E. P. Munford	
	<i>Division II.</i>	
	Enid H. Almond	
	Audrey Harrison	
1925	<i>Division I.</i>	.
	C. C. Brooks	
	Mary J. R. Riddall	
1926 <sup>34</sup> <sup>35</sup> D. P. Wilson	<i>Division I.</i>	
	Audrey Felton	..
	Nellie Littler	
	<i>Division II.</i>	
	Evelyn Whitfield	
1927 . . .	<i>Division I.</i>	..
	Elsie G. Geller	
1928 ... .	<i>Division I.</i>	....
	Elsie M. Parkes	
	<i>Division II.</i>	
	G. V. Whittenbury	
1929 .. ..	<i>Division I.</i>	.
	F. C. Stott	
	<i>Division II.</i>	
	Kathleen E. Sconce	
1930 .	<i>Division II.</i>	
	E. P. Hodgkin	
1931 .....	<i>Division I.</i>	.
	P. S. Milne	
1932 <sup>35</sup> Tom Warwick	<i>Division I.</i>	.....
	Marjory Causey	
	C. H. Morthner	

## PHYSIOLOGY.

1883 . . .	Brian Melland ... <i>Owens.</i>	..
	R. B. Wild ..... <i>Owens.</i>	
1886 .. ..	.....	A. E. Brindley ... <i>Owens.</i>
1887 .. ..	.....	J. T. Millett ... <i>Owens</i>
1894 .. ..	.....	G. H. Wilson ... <i>Owens.</i>
1894 ..	W. C. Varley .... <i>Owens.</i>	.....
1896 .	R. J. Ewart ... <i>Univ.</i>	.....
1897 ..	J. A. C. Forsyth... <i>Yorks.</i>	.....
1898 .. .	W. P. Grant .... <i>Owens.</i>	S. F. Linton ... <i>Univ</i>
1899	R. E. Kelly ... <i>Univ.</i>	.....
	J. C. Mann ... <i>Univ.</i>	



## PHYSIOLOGY—continued.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1900 .....	W. G. Lloyd ..... Univ.	.....
1901 .....	.....	J. J. Hummel ... <i>Yorks.</i>
1908 .....	Ethel M. Phillips <i>Owens.</i>	.....
1907 .....	W. A. Bullough	.....
1914 Jacob Holker	.....	.....
1917 .....	Simon Kelly	.....
1918 .....	K. V. Deakin	.....
1922 <sup>34</sup> G. H. H. Booth	.....	.....
<sup>37</sup> Harry Zwarenstein		.....
1924 <sup>31</sup> <sup>35</sup> <sup>37</sup> G. L. Brown	Muriel M. Edwards	.....
Raymond Whitehead	K. R. Fraser	.....
1925 <sup>31</sup> <sup>35</sup> <sup>37</sup> W. H. Newton	.....	.....
1927 .....	<i>Division I.</i>	.....
	E. D. Portman	.....
1928 <sup>34</sup> <sup>35</sup> <sup>37</sup> M. C. G. Israëls	.....	.....
1929 <sup>34</sup> <sup>35</sup> <sup>37</sup> Eli Davis	.....	.....
R. V. Wright		.....
1930 <sup>35</sup> <sup>37</sup> J. A. A. L. Woodhead	<i>Division I.</i>	.....
	G. V. Whittenbury	.....
1931 <sup>35</sup> <sup>37</sup> H. L. Settle	.....	.....

GEOLOGY, MINERALOGY, AND  
PALÆONTOLOGY.

1888 Bernard Hobson... <i>Owens.</i>	..	.....
1890 Wm. McDougall... <i>Owens.</i>	..	.....
1895 .....	D. S. Stuart ..... <i>Owens.</i>	.....
1897 .....	W. R. Baldwin- Wiseman <i>Owens.</i>	.....
1898 Albert Jowett ..... <i>Yorks.</i>	..	.....
1899 <sup>40</sup> A. R. Derryhouse <i>Yorks.</i>		.....
1905 <sup>11</sup> H. G. A. Hickling	.	.....
1907 <sup>7</sup> <sup>9</sup> <sup>11</sup> D. M. S. Watson	.	.....
1908 <sup>11</sup> <sup>22</sup> H. L. Hawkins	..	.....
1910 <sup>11</sup> <sup>22</sup> Margaret C. March	....	.....
1911 .....	S. G. Birks	.....
1912 Marjorie Lindsey	.....	.....
<sup>22</sup> R. W. Palmer		.....
1913 .....	J. N. McCall	.....
1914 <sup>11</sup> <sup>22</sup> Henry Day	Frances E. Oliver	.....
W. C. Grunnitt		.....
1915 <sup>11</sup> Basil Bentley	C. L. Kay	.....
1920 .....	E. L. G. Clegg	.....
	Albert Heard	.....
	Marjorie Pearson	.....
1921 Harold Hopkins	G. S. Mockler	.....
	J. I. Platt	.....
	George Williamson	.....
1922 <sup>34</sup> Gerald Andrew	<i>Division I.</i>	.....
<sup>30</sup> R. C. B. Jones	J. P. Bentley	.....
<sup>34</sup> <sup>36</sup> Walter Kitchen	J. B. Garland	.....
	<sup>24</sup> A. T. Hopwood	.....
	Edgar Morton	.....
	<i>Division II.</i>	.....
	D. J. Farquharson	.....
	G. S. Ffoulkes-Jones	.....

GEOLOGY, MINERALOGY, AND PALÆONTOLOGY  
—continued.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class</i>
1923 .....	<i>Division I.</i>	.....
	Arthur Bray	
1924 .....	<i>Division I.</i>	.....
	<sup>a</sup> Gladys Nash	
1925 .....	J. R. Park	.....
	So Sreshthaputra	
1928 <sup>22</sup> Jack Shirley	.....	.....
1929 <sup>24</sup> <sup>25</sup> S. R. Nockolds	.....	.....
1931 <sup>22</sup> F. W. Cope	.....	.....
1932 <sup>7</sup> <sup>25</sup> W. A. Deer	.....	.....
1933 Herbert Cunliffe	<i>Division I.</i>	.....
	Harry Pearson	

## BOTANY.

1897 <sup>10</sup> Robert Burnet ... Univ.	.....	.....
1899 <sup>10</sup> Helen P. Auld ... Univ.	.....	.....
1901 .....	Rose F. Jordan ... Owens.	.....
1903 .....	<sup>a</sup> Grace	.....
	Wigglesworth Owens.	
1905 <sup>11</sup> Mary McNicol	Frances M. Steele	.....
<sup>11</sup> Edith M. Saxelby		
1906 .....	Madeline Carson	.....
	Katharine H. Coward	
1907 <sup>11</sup> Edith M. Kershaw	Alice Bamber	Edith D. Johnson
Nellie Snape		Annie Leah
1908 <sup>11</sup> T. G. B. Osborn	Dorothy G. Coward	.....
Elizabeth C. Powell		
1909 .....	H. S. Holden	Hilda H. Pearson
1910 .....	Ellen M. Bevan	.....
	<sup>12</sup> Sydney Garside	
	Agnes L. Ross	
1911 <sup>11</sup> W. B. Brierley	Marjorie Benson	G. E. H. Lantsberry
	Nora Caress	
1912 R. G. Livens	Hilda K. Brade	Hannah Benson
1913 Tom Holt	W. O. Howarth	William Crawford
<sup>11</sup> W. H. Pearsall	Jenny Mercer	
Mary Stoddart		
1914 H. B. Speakman	Gladys M. Armstrong	Florence S. Grant
<sup>11</sup> Marjory S. Williamson	T. G. Baillie	Hilda Wilde
	Margaret H. Chambers	
	Sibyl T. Jewson	
	Harold Oldham	
1915 .....	Evelyn N. Cowell	Florence A. Phipps
1916 .....	<sup>13</sup> Una C. Slane	.....
1917 .....	Jennie H. Cropper	.....
	<sup>15</sup> Elaine de St. C. Fogg	
	Mabel A. Jackson	
1918 .....	Florence W. Brown	Elsie Dickinson
1919 <sup>11</sup> Isabella Bateman	Margaret Beadle	Alice Taberner
<sup>15</sup> Kathleen M. Thatcher	Minnie Egli	
	Dorothy W. Pennington	

## BOTANY—continued.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1920 Ethel Harding Sadie Horrobin <sup>11</sup> Samuel Williams	Marjorie F. Casselden Helen L. Goude E. J. Moore Dorothy Priestley Cicely M. H. Walker	Doris M. Duncan Mary E. Hampson Elsie Simister
1921 .....	Emmeline Greenwood Elizabeth Satterthwaite	Gladys Bannister Edith Bottomley Hilda M. Glover Daisy A. Holden Muriel Jackson Bernice Rawsthorne George Willan Clarice M. Woodcock
1922 <sup>9</sup> <sup>34</sup> <sup>35</sup> Kathleen M. Drew William Leach	<div><i>Division I.</i></div> Doris A. Bardsley Winifred Gartside Elizabeth G. Mitchell <div><i>Division II.</i></div> Esther M. Arthur Editha Jackson Gertrude Law Bethia Murray	Agnes M. Almond Annie E. Brown Rita H. Dutton Edith M. Hand
1923 ..	<div><i>Division I.</i></div> Winifred M. Gibbs J. P. J. Zender <div><i>Division II.</i></div> Ethel Bunting Annie K. Harding Kathleen Taws	Katie L. Coxon Beatrice A. Hallard
1924 ...	<div><i>Division I.</i></div> Elda Auld Alice M. Quinn Norman Woodhead <div><i>Division II.</i></div> Mabel A. Barker Hilda M. Bowker Gladys Brooks Edna M. Hewison Muriel Riley	Margaret Duxbury Nellie Ranshaw
1925 .....	<div><i>Division I.</i></div> Bessie Chatterton <div><i>Division II.</i></div> Alice Roberts Mary H. Walker	.....
1926 H. G. Chippindale	<div><i>Division I.</i></div> Beryl Monks Frances L. Stephens <div><i>Division II.</i></div> Millicent R. Lyon Ina Pickles Edith Skinner	.....
1927 Marjorie Wilkinson	<div><i>Division II.</i></div> Margery Butterfield	Ellen Cock
1928 .....	<div><i>Division I.</i></div> Doris H. Collyer Ethel M. Eastwood <div><i>Division II.</i></div> Nancy L. Lloyd S. R. Pollard	Phyllis Samuel

## BOTANY—continued.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1929 .....	<i>Division I.</i> Alice Akred H. R. Fletcher Kathleen A. Payne Joan Taylor Freda Wroe	.....
1930 .....	<i>Division I.</i> Violet Aldred Salih El Diasti Mary Hadfield Sylvia M. C. Jackson	Mary C. McKerrow
1931 Kenneth Mather	<i>Division II.</i> Alwyn Bennett	.....
	<i>Division I.</i> Elfrieda Bailey Gladys Wright	
	<i>Division II.</i> Elizabeth M. Cooper Ethel M. Hitchens Lilian M. Wilson	
1932 .....	<i>Division I.</i> Rowena M. Ferguson Eileen M. Johnson Mona Rhodes	Harold Wigley
	<i>Division II.</i> Edward Bell Winifrede Yarborough	
1933 C. D. R. Dawson T. G. Tomlinson	<i>Division I.</i> Cecilia H. Lang Diana M. Pickstone	.....
	<i>Division II.</i> Minnie Rhodes	

## PSYCHOLOGY.

1921 .....	Cicely J. Parsons	.....
1922 .....	<i>Division I.</i> S. C. Jackson	.....
1923 <sup>22</sup> <sup>24</sup> H. E. O. James Ethel Wilkinson	.....	.....
1926 .....	<i>Division I.</i> <sup>25</sup> Edna M. Yates	.....
1932 .....	<i>Division I.</i> Joan M. Attenborough Miriam Farber	.....
1933 <sup>35</sup> J. J. Webster	.....	.....

## METALLURGY.

1916 <sup>11</sup> J. N. Greenwood	.....	.....
1919 <sup>20</sup> Maurice Cook	....	.....
1921 <sup>20</sup> L. E. Benson <sup>11</sup> A. M. Cleverly	T. C. Finlayson Arthur Goftay	Norman Taylor
1922 <sup>21</sup> <sup>25</sup> W. H. Dearden <sup>26</sup> R. A. Hacking Douglas Jepson <sup>20</sup> G. P. Tinker	<i>Division I.</i> C. L. Betts	.....
	<i>Division II.</i> V. J. Sansom	

METALLURGY—*continued*.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1923 <sup>20</sup> B. K. Braund <sup>34</sup> T. H. Schofield	<i>Division I.</i> <sup>28</sup> M. D. Pearson <i>Division II.</i> <sup>20</sup> Harold Entwistle	.....
1924 <sup>50</sup> <sup>29</sup> <sup>34</sup> J. W. Cuthbertson	<i>Division II.</i> L. R. Stanton	.....
1925 .....	<i>Division II.</i> John Dearden	.....
1927 ... ..	<i>Division I.</i> James Barton <i>Division II.</i> H. A. MacColl	.....
1928 Richard Willows	.....	.....
1930 Hubert Greenwood	.....	.....
1931 <sup>38</sup> Edwin Davis J. F. Sewell	<i>Division I.</i> A. S. Kenneford <i>Division II.</i> H. R. Curnick	.....
1932 <sup>35</sup> S. T. Harrison	<i>Division I.</i> Frank Buckley <i>Division II.</i> Frank Kasz	Harry Carr
1933 A. B. Ashton <sup>35</sup> James Crowther <sup>24</sup> Gerald Murray John Waddington	<i>Division I.</i> J. F. B. Jackson W. B. Lawrie <i>Division II.</i> Hal Capper	.....

## GENERAL SCIENCE.

SECTION I. (*Chemistry, Physics, and Mathematics*).

1925 .....	<i>Division II.</i> N. A. Ratcliffe	.....
1926 ... ..	<i>Division I.</i> Horace Hoggins	Ethel Smith
1927 .....	<i>Division II.</i> L. C. Hargreaves	.....
1928 W. S. Newton N. F. Turtle	<i>Division I.</i> Elizabeth Whittle	... ..
1929 <sup>34</sup> P. F. Morton	<i>Division I.</i> James Davenport <i>Division II.</i> Harold Booth Doris M. Kendal	Edward Bashforth
1930 <sup>38</sup> Harry Grime	<i>Division I.</i> Arthur Ashworth J. L. Tuck <i>Division II.</i> J. L. Brewin Leonard Hall	Malcolm Berry Vera Taylor
1931 B. D. Alderson <sup>35</sup> W. J. Whitehouse	<i>Division I.</i> Margaret K. Ashton John Critchlow <i>Division II.</i> Horace Powell L. M. Smalley	Clarice M. Aldridge C. E. Mellers

## GENERAL SCIENCE—continued.

SECTION I. (*Chemistry, Physics, and Mathematics*)—continued.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1932 <sup>35</sup> H. P. Dakin John Ranson	<i>Division I.</i> Wilfred Darbyshire <i>Division II.</i> Edith Boden	W. C. Downham Harold Wyatt
1933 <sup>36</sup> Harry Horrocks Ruth M. Turnock	<i>Division I.</i> A. L. Walters <i>Division II.</i> W. T. Whitehead	Reginald Bruce Leslie Cunliffe

SECTION II. (*Botany, Zoology, and Chemistry*).

1924 <sup>34</sup> Frances M. Marshall	.....	.....
1925	<i>Division I.</i> R. B. Dawson Winifred Dickinson <i>Division II.</i> Enid Oldham Kathleen Simpson Irene M. Squire	.....
1926 Kenneth Hartley	<i>Division I.</i> Beatrice Shorrocks <i>Division II.</i> Winifred M. Woodruff	.....
1927	<i>Division I.</i> Margaret E. Weiss <i>Division II.</i> Edna D. Abba	Herbert Campbell
1928 Ruth Charlesworth	<i>Division I.</i> May E. Goodwin <i>Division II.</i> Winifred M. Lyons	Beatrice E. Johnson
1929 Dorothy Hindshaw	.....	Gwendoline Pownall
1930	<i>Division I.</i> Joan Francke Katharine S. Nichols	Edith J. McDougall E. L. Walker
1931	<i>Division II.</i> K. G. Glaister	Thelma Gordon
1932	<i>Division I.</i> Hilda Saxon W. S. Smith	Edna Sowerbutts
1933 Morris Cohen Olive Pooley	<i>Division I.</i> G. H. Briggs <i>Division II.</i> Ethel M. Perry Eileen M. Robinson	.....

SECTION III. (*Geology, Geography, and Botany or Zoology*).

1931	<i>Division II.</i> Dora Bloomer Mary M. Tyas	.....
1933	.....	B. H. G. Chaplin

SECTION IV. (*Mathematics and Physics, with Elementary Botany and Zoology*).

1931	<i>Division I.</i> Herbert Toft <i>Division II.</i> Marjorie E. Metcalfe	.....
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## LAW.

<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class</i>
1925 J. S. Rhodes	.....	A. H. W. Wragg
1926 <sup>34</sup> Denis Hyde	Eileen A. Macdonald	R. P. Bannister
<sup>44</sup> Allan Winterbottom	J. H. Gaunt	Isidore Sandler
1927 <sup>34</sup> George Castle	G. P. Taylor	Gilbert Horrocks
J. H. Davis	Morris Diamond	Edwin Yates
1928 Arie Rubinstein	W. H. R. Grundy	.....
	Neville Hamwee	
	Janet M. Mack	
	E. A. Simpson	
1929	G. W. Cowley	D. H. R. Brearley
	Desmond Heap	N. H. Buckley
	Walter Holt	A. P. M. Liston
	P. S. Porter	
	E. I. Unsworth	
	Jacob Yaffe	
1930 <sup>35</sup> F. H. Dean	R. H. Cadman	C. R. Ashworth
H. R. Hodgson	J. D. Cantley	R. M. Greenhalgh
Gerard Ryder	E. M. Gaunt	David Rice
	Denis Moore	H. N. Roberts
	Margaret H. Procter	S. E. Saville
	H. S. Thistleton	W. G. Thompson
	Cyril White	
1931 F. A. Howarth	Philip Fox	Arnold Brewer
	G. F. Furniss	C. S. Cohen
	Beatrice E. Mason	Monica Gallagher
		Enid Garratt
		D. I. Lever
		G. C. Wilson
1932 David Blank	Robert Cooke	A. M. Chorlton
J. I. Caulfield	Mary A. Freeman	R. A. Davies
J. E. Driver	H. J. Gibbons	G. R. Duck
A. N. Patterson	J. A. Hallsworth	Nathaniel Haloba
<sup>35</sup> F. W. Towns	Gladys F. Jones	W. L. Hall
	J. D. Phillipp	J. M. Marchington
	C. G. Walkden	F. D. Newton
	Robert Walsh	K. H. Walker
		J. H. Weston
1933 J. P. Asplen	George Cheetham	C. G. Heron
<sup>35</sup> J. P. M. Carr	F. F. Clough	N. S. Howarth
	J. B. Elliott	William Lansdale
	Stanley Lancaster	B. B. Mason
	J. B. Levy	W. R. Parker
	Arthur Littlewood	W. R. T. Walsh

## FIRST CLASSES AT FINAL LL.B. EXAMINATION.

(Previous to the institution of the Honours School of Law.)

1885 A. N. Brayshaw,	<i>Owens.</i>	1899 J. B. Booth,	<i>Univ.</i>
1888 F. E. Bradley ( <i>with Honours</i> ),	"	W. G. Lord ( <i>with Honours</i> ),	"
1891 Godfrey Heathcote	"	E. A. Moorhouse ( <i>with Honours</i> ),	"
( <i>with Honours</i> ),	"	1900 R. B. Hughes,	"
L. M. Simmons ( <i>with Honours</i> ),	"	A. J. Quiggin,	"
1893 A. W. Fletcher,	"	E. A. W. Wragg ( <i>with Honours</i> ),	<i>Owens.</i>
1893 George Livsey,	"	1901 Oswald Clement ( <i>with Honours</i> ),	<i>Univ.</i>
C. S. Watson ( <i>with Honours</i> ),	"	S. G. Cox,	<i>Owens.</i>
1894 Harry Procter ( <i>with Honours</i> ),	"	<sup>10</sup> W. A. Elias ( <i>with Honours</i> ),	<i>Univ.</i>
1895 Leonard Bottomley ( <i>with Honours</i> ),	"	1902 Wilson Bell ( <i>with Honours</i> )	"
1896 Percy Raby ( <i>with Honours</i> ),	"	C. G. Deln,	<i>Owens.</i>
1897 W. B. Faraday,	"	F. K. de Montmorency	"
1898 A. L. Brownson,	<i>Owens.</i>	( <i>with Honours</i> ),	<i>Univ.</i>
D. L. Harbottle ( <i>with Honours</i> ),	<i>Univ.</i>	<sup>10</sup> Edward Fraser ( <i>with Honours</i> ),	"
T. G. Kussell ( <i>with Honours</i> ),	<i>Owens</i>	James Sykes,	<i>Yorks.</i>
E. J. Sampson ( <i>with Honours</i> ),	"	R. W. H. Thomas,	<i>Univ.</i>
		1903 <sup>10</sup> Frank Hudson ( <i>with Honours</i> ),	<i>Owens.</i>
		F. H. Jessop,	<i>Yorks.</i>
		H. G. Rushton,	<i>Owens.</i>
		C. H. S. Stephenson	<i>Univ.</i>

FIRST CLASSES AT FINAL LL.B. EXAMINATION—*continued*.

1904 G. A. Baker Reginald Clayton <sup>10</sup> J. W. Hodson ( <i>with Honours</i> )	1912 Edward Brodrick ( <i>with Honours</i> ) <sup>11</sup> Francis White ( <i>with Honours</i> )
1905 <sup>12</sup> E. C. Burgis R. H. Gee Frederick Hamer ( <i>with Honours</i> ) R. W. Holland ( <i>with Honours</i> )	1913 <sup>13</sup> Henry Cardwell ( <i>with Honours</i> ) H. T. Pickles ( <i>with Honours</i> )
1906 <sup>14</sup> Harry Finklestone ( <i>with Honours</i> ) Christabel H. Pankhurst ( <i>with Honours</i> ) John Varley	1914 R. A. Eastwood ( <i>with Honours</i> )
1907 Fred Thompson	1915 Denis Hickey
1908 <sup>15</sup> C. F. Entwistle ( <i>with Honours</i> ) Rupert Wood ( <i>with Honours</i> )	1916 W. J. Rigby ( <i>with Honours</i> )
1909 S. W. Johnson ( <i>with Honours</i> )	1922 <sup>34</sup> <sup>35</sup> R. G. Cooke ( <i>with Honours</i> ) Eric Emmett ( <i>with Honours</i> ) Edith Hesling ( <i>with Honours</i> ) H. E. Jones ( <i>with Honours</i> ) Isabel M. C. Ritchie ( <i>with Honours</i> ) Ivan Secounlov ( <i>with Honours</i> )
1911 H. L. F. Berry Rennie Higson C. L. Stirling A. G. Taylor	1923 W. C. Taylor ( <i>with Honours</i> )
	1924 <sup>6</sup> <sup>34</sup> <sup>35</sup> R. Y. Hedges ( <i>with Honours</i> ) Leslie Walsh

## HONOURS AT M.B. AND CH.B. EXAMINATIONS.

<i>First Class.</i>	<i>Second Class.</i>
1892 J. W. Crawshaw... .. <i>Owens.</i> J. H. Crocker ... .. <i>Owens.</i> J. H. Taylor ... .. <i>Owens.</i>	A. E. Ash ... .. <i>Owens.</i> E. C. McCarthy ... .. <i>Owens.</i> R. W. Marsden ... .. <i>Owens.</i> C. R. Marshall ... .. <i>Owens.</i> R. T. Turner ... .. <i>Owens.</i>
1893 John Stephenson .. .. <i>Owens.</i>	J. G. Clegg ... .. <i>Owens.</i> E. L. Compston ... .. <i>Owens.</i> H. T. Nixon ... .. <i>Univ.</i> J. P. Nixon ... .. <i>Univ.</i> F. J. Woods ... .. <i>Univ.</i>
1894 <sup>10</sup> S. W. Brook .. .. <i>Owens.</i>	H. F. Annett .. .. <i>Univ.</i> J. B. Carter .. .. <i>Owens.</i> W. W. Clemesha .. .. <i>Owens.</i> Frank Radcliffe .. .. <i>Owens.</i> J. H. Ray .. .. <i>Owens.</i> F. C. Scotson .. .. <i>Owens.</i> Douglas Seaton .. .. <i>Yorks.</i> Peter Thompson .. .. <i>Owens.</i> O. B. Trumper .. .. <i>Yorks.</i>
1895 Hugh Answorth ... .. <i>Owens.</i> C. E. Ligertwood ... .. <i>Yorks.</i> <sup>10</sup> F. C. Moore .. .. <i>Owens.</i> J. S. Taggart ... .. <i>Owens.</i>	J. P. Hall .. .. <i>Owens.</i> R. S. Hardman .. .. <i>Owens.</i> F. B. G. Holmes .. .. <i>Owens.</i> T. H. Miller .. .. <i>Owens.</i> J. H. Renshaw .. .. <i>Owens.</i> J. V. Shaw .. .. <i>Yorks.</i> R. H. Trotter .. .. <i>Yorks.</i> B. V. Watkins .. .. <i>Owens.</i>
1896 George Ashton .. .. <i>Owens.</i> <sup>10</sup> A. H. Burgess .. .. <i>Owens.</i> S. R. Christophers .. .. <i>Univ.</i> J. S. Ross .. .. <i>Owens.</i> E. A. Smith .. .. <i>Univ.</i>	H. M. Crake .. .. <i>Univ.</i> John Hay .. .. <i>Univ.</i> E. E. Laslett .. .. <i>Univ.</i> Newman Neild .. .. <i>Owens.</i> Philip Nelson .. .. <i>Univ.</i> A. E. Normington .. .. <i>Owens.</i> T. A. Rothwell .. .. <i>Owens.</i> S. T. Rowling .. .. <i>Yorks.</i> H. B. Woodcock .. .. <i>Owens.</i>



HONOURS AT M.B. AND CH B. EXAMINATIONS—*continued.**First Class.*1897 J. S. Dockray ..... *Owens.*1896<sup>10</sup> Robert Kelsall..... *Owens.*Edward Trotter..... *Yorks.*D. S. Wylie ..... *Owens.*1899<sup>10</sup> Joseph Moreton ..... *Owens.*1900 C. R. Hall ..... *Owens.*C. J. N. Longridge ..... *Owens.*1901<sup>1</sup> E. N. Cunliffe ..... *Owens.*1902 W. S. Wrigley ..... *Owens.*1903 L. R. Braithwaite..... *Yorks.*J. L. Falconer ..... *Owens*

1904

.....

*Second Class.*W. H. Bateman ..... *Owens.*Harold Coates ..... *Owens.*J. E. Dutton ..... *Univ.*Walter Graham ..... *Univ.*A. S. Griffith ..... *Univ.*Harry Hamer ..... *Owens.*Harold Hartley ..... *Owens.*D. G. Hurter ..... *Univ.*K. H. Jones ..... *Owens.*C. H. Moorhouse ..... *Yorks.*J. H. Sheldon ..... *Owens.*A. B. Smallman ..... *Owens.*J. E. Smith ..... *Univ.*R. Sutherland ..... *Univ.*F. R. Taylor ..... *Yorks.*H. J. Crompton ..... *Owens.*E. W. Floyd ..... *Owens.*Ambrose Spong ..... *Yorks.*Edward Turton ..... *Yorks.*<sup>10</sup> Walter Crabtree ..... *Owens.*John Craig ..... *Owens.*E. W. Falconer ..... *Owens.*H. M. Fletcher ..... *Univ.*I. W. Hall ..... *Owens.*H. C. R. Hime ..... *Yorks.*W. A. Illingworth ..... *Yorks.*Armitage Morton ..... *Yorks.*A. E. Rayner ..... *Owens.*W. H. Richardson ..... *Owens.*Harold Snape ..... *Owens.*O. H. Woodcock ..... *Owens.*J. L. Dimond ..... *Univ.*A. E. Finney ..... *Owens.*A. R. Jackson ..... *Univ.*A. G. Wilkins ..... *Owens.*E. R. Cooper ..... *Owens.*Mercier Gamble ..... *Owens.*<sup>1</sup> G. W. Gelderd ..... *Univ.*P. H. Green ..... *Owens.*R. E. Kelly ..... *Univ.*Charles Mackey ..... *Owens.*Edwin Saville ..... *Yorks.*<sup>10</sup> H. G. Tansley ..... *Owens.*Walter Brigh ..... *Owens.*G. H. Brown ..... *Owens.*A. G. Christian ..... *Owens.*Alexander Hodgkinson ..... *Owens.*J. R. Hutchinson ..... *Owens.*<sup>1</sup> A. W. Latham ..... *Owens.*G. H. Leigh ..... *Owens.*Thomas Coogan ..... *Owens.*<sup>10</sup> H. D. Haworth ..... *Owens.*C. A. Hughes ..... *Univ.*A. D. Hunt ..... *Univ.*A. E. Johnson ..... *Owens.*D. J. Mullholland ..... *Univ.*F. H. Salisbury ..... *Univ.*R. T. Slinger ..... *Owens.*P. K. Steele ..... *Yorks.*Alan Boyle ..... *Leeds.*William Calverley ..... *Manc.*E. E. Hughes ..... *Manc.*<sup>10</sup> Phillip Talbot ..... *Manc.*Herbert Tomlin ..... *T. and S.*

HONOURS AT M.B. AND CH.B. EXAMINATIONS—*continued*.

<i>First Class.</i>		<i>Second Class.</i>	
1905	.....	C. M. Craig J. D. Marshall	S. R. Wilson
1906 <sup>2</sup>	D. E. Core	.....	
1907	T. W. Todd	J. A. Fairer Frank Hartley	Robert Lakin
1908 <sup>11</sup>	John Morley	T. B. Bolton C. H. Broomhead E. K. Lomas	W. P. Marshall John Thompson <sup>22</sup> A. E. Woodall
1909	.....	F. H. Diggle John Gow	T. T. Higgins Harry Platt B. W. E. Trevor-Roper
1910	W. A. Sneath	R. C. Hutchinson	N. T. K. Jordan
1911	E. R. Eatock	A. H. Holmes W. H. Kauntze Jane C. Miller	S. B. Radley J. S. B. Stopford
1912	.....	R. B. Berry P. H. Midgley	T. H. Oliver O. F. White
1913	.....	A. V. Stocks	Percy Stocks
1914	.....	Lily Allan D. T. Harris	O. M. de Jong
1915	.....	H. M. von Mengershausen	Frank Vause Richard Willan
1920	W. E. Mason	P. B. Mumford	
1921 <sup>11</sup>	G. V. Ashcroft	Vincent Chadwick H. L. Sheehan	Margaret Single
1922	.....	<sup>4</sup> F. H. Scotson	
1923 <sup>34</sup>	L. J. Witts	Arthur Barlow Albert Coleman	Marjorie A. Grant G. C. Sharp
1924	.....	J. A. Crowther Phyllis I. Kaufmann	Hilda M. Linford
1925 <sup>34</sup>	<sup>35</sup> F. H. Smirk R. L. Holt	N. W. Bolton	G. H. H. Boot
1926 <sup>34</sup>	<sup>35</sup> Kathleen Sheehan	Florence Whitrow	
1927	.....	K. H. Watkins	
1928	.....	G. L. Brown	
1929	.....	Donald Sheehan Edith M. Booth F. N. Marshall	
1930	.....	W. W. Kay A. L. Kenyon	
1931	T. S. Heslop	Nancy N. Carter J. C. Smith G. G. E. Smyth	
1932	D. L. Griffiths	C. H. Gray W. A. B. Nicholson J. S. Parkinson	
1933	.....	T. F. Heslop	

## HONOURS AT B.D.S. EXAMINATIONS.

<i>First Class.</i>		<i>Second Class.</i>	
1914	H. H. Stones	M. C. Paterson	
1924	Herbert Townley	D. H. Campion	
1927	.....	A. H. Appleton	
1931	.....	J. L. Torkington	
1932	J. L. Mellodew	H. H. Torkington	

### CANDIDATES AWARDED DISTINCTION IN THE EXAMINATION FOR THE DEGREE OF B.COM.

1914	Lawrence Ashmore	(Economics)	1922 <sup>32</sup>	W. G. Pilkington	(Economics)
1918	Rassim Chinassi	"		Arthur Roberts	"
1919	Dorothy Knott	"		Geoffrey Shaw	"
	Constance E. M. Wilde	"		Laurence Wilkinson	"
1920	<sup>12</sup> S. R. Chaloner	"		F. L. Wright	"
1921	Emmy F. G. Lawley	"	1923 <sup>31</sup>	<sup>35</sup> John Jewkes	"
<sup>11</sup> W. E. Salt	"	"		Frank Whitmore	"
1922	J. B. Andrew	"		Ethel N. Stewart	(Economic History)
<sup>31</sup> George Breeze	"	"	1924	S. I. Ambrose	(Economics)
E. F. Calvort	"	"		<sup>32</sup> Gilbert Jenkins	"
Marian Cooper	"	"		Mabel Clough	(Geography)
T. W. Dunkerley	"	"	1925	Leonard Cohen	(Economics)
J. D. Ewing	"	"	1926 <sup>33</sup>	<sup>34</sup> C. D. Campbell	"
<sup>34</sup> Herbert Hetherington	"	"		Harry Campion	"
Cyril Kenyon	"	"		William Clegg	"
C. H. Marsh	"	"		W. P. Powell	"
				Edith M. Shirra	(Spanish)

### CANDIDATES AWARDED DISTINCTION IN THE EXAMINATION FOR THE DEGREE OF B.A.(COM.).

1927	R. S. Ashworth	(Economics)	1929	Henry Erin	(Spanish)
	Elsie Emmott	"	<sup>34</sup> Brenda F. Hall	(Economics)	
	M. A. R. Hafez	(Italian)		Isabel Lunt	(German)
	Henry Hardman	(Economics)		Phyllis Rowbottom	(Economics)
	D. B. Tracey	(Spanish)		C. H. Travis	"
1928	Mohamed Haundy	(French)		D. P. Walsh	"
	Abharana Krishnamra	"			
	1931	R. L. Graham	(Economics)		
		Kathleen M. Langton	"		
		Sidney Reeves	"		
		Abraham Shabtay	"		
	1932	Marian T. Entwistle	"		
		N. R. Hammett	"		
		Eileen D. Winder	"		
		Kathleen Herbert	(Law)		

### CANDIDATES AWARDED DISTINCTION IN THE EXAMINATION FOR THE DEGREE OF B.A.(ADMIN.).

1928 Oswald Broxup (Economics)

### CANDIDATES AWARDED DISTINCTION IN THE EXAMINATION FOR THE DEGREE OF B.D.

- 1925<sup>34</sup> <sup>35</sup>H. I. Frith (Group I.)  
 1926 <sup>14</sup>H. T. Rack (Group II.)  
 1927<sup>34</sup> <sup>35</sup>W. G. Robinson (Groups I. and III.)  
 1928<sup>34</sup> <sup>35</sup>J. R. Jones (Groups I. and II.)  
       <sup>34</sup> <sup>35</sup>L. H. Oldfield (Group II.)  
 1929<sup>34</sup> <sup>35</sup>W. A. Walker (Group II.)  
 1932<sup>34</sup> <sup>35</sup>H. J. McLachlan (Groups I. and II.)  
 1933<sup>34</sup> <sup>35</sup>K. V. Ramsey (Groups I., II., and III.)

# HONOURS DIVISION IN THE FINAL EXAMINATION FOR THE DEGREE OF B.Sc.TECH.

## UNDER OLD REGULATIONS.

<i>Mechanical Engineering.</i>	<i>Electrical Engineering.</i>	<i>Sanitary Engineering.</i>	<i>Applied Chemistry.</i>	<i>Mining.</i>	<i>Architecture.</i>	<i>Textile Industries.</i>
1906						
J. D. Whittall	R. K. Keer Philip Kemp C. S. Richards J. W. Thomas G. W. Wadsworth	S. N. Duguid T. J. Pitre Frank Willcock	P. V. Delahunty *Cuthbert Dixon S. Evans *Eric Higgins Hugo Nordling F. G. Reynolds	.....	.....	.....
1907						
<sup>24</sup> H. P. Jordan G. S. Teggins E. V. Winstanley	H. N. Cunliffe W. A. Stephens	Tom Elce	May Badger B. R. Bostock	.....	... ..	.....
1908						
George Arrowsmith J. W. Cooling	J. N. Hindle Humphrey Williams	... ..	<sup>24</sup> J. P. Batey H. H. MacMahon Leonard Mills	.....	.....	.....
.....	<sup>24</sup> G. P. Willoughby	.....	Vernon Davenport A. B. Trickett	.....	.....	.....
1910						
H. Y. V. Jackson <sup>24</sup> C. E. Maycock John Wilson	.....	Frank Bowman A. J. Sloman	H. B. Avery V. G. Nair H. S. Newman G. E. Pilkington J. P. Srivastava W. W. Tong	G. G. Narke	... ..	.....
1911						
F. R. Jolley R. C. Prescott	<sup>24</sup> H. J. Gwyther B. B. Pradhan <sup>24</sup> W. G. Spencer S. E. W. Taylor	.....	F. W. Atack Frederic Robinson	.....	... ..	.....
1912						
<sup>24</sup> John Bunch	J. W. Faulkner	.....	Louie M. Badger J. E. Holgate C. L. Unsworth J. W. Wood	.....	.....	.....
1913						
<sup>24</sup> H. L. Southern Ernest Williamson	<sup>24</sup> H. G. Bell Moses Singer	.....	A. H. Goodger W. C. Hothersall	.....	.....	.....
<sup>24</sup> F. H. Williamson						
1914						
Thomas Bevan W. R. Thomson P. M. Watts	Kenneth Aston <sup>24</sup> Alexander Nyman Walter Richardson	L. N. Duguid	H. M. Broadhurst Simon Chazan Leonard Slater Herbert Swann Russell Willis	... ..	.....	.....
1915						
Kenneth Sinclair A. J. Syers	Harold Diggle J. W. Jones L. C. Richards S. R. Tombat	Thomas Dawe Erconwald Holland	A. W. Hothersall W. N. Leigh C. W. Palmer John Parrish William Payman A. A. Pollitt H. B. Shroff E. C. Tonge	.....	<sup>27</sup> Percy Morrey	.....
1916						
.....	.....	... ..	S. W. Dunworth William Hall Morris Leon C. C. N. Polychronis	... ..	.....	.....

\* Not eligible for graduation.

HONOURS DIVISION IN THE FINAL EXAMINATION FOR THE  
DEGREE OF B.Sc.TECH.—*continued.*

<i>Mechanical Engineering.</i>	<i>Electrical Engineering.</i>	<i>Sanitary Engineering.</i>	<i>Applied Chemistry.</i>	<i>Mining.</i>	<i>Architecture.</i>	<i>Textile Industries.</i>
1917 .....	A. G. Khan	.....	Michael Barash	.....	.....	William Asbury
1918 .....	.....	.....	Dorothy Aston	.....	.....	.....
1919 F. L. Hughes	<sup>24</sup> Samuel Chadwick	.....	S. R. Jackson George Mohr Neville Shipkin C. G. Wood	.....	.....	.....
1920 G. V. Brooke Norman Elce A. W. Gibson H. C. Kelly W. B. Wightman	<sup>24</sup> J. D. Cookcroft A. J. Leyland	Percy Parr	P. T. Holligan P. A. Holt Charles Lea Sidney Marks A. M. Morley D. S. Naylor	.....	.....	.....
1921 P. G. S. Bayliss Harold Birchall Clifford Eatough W. J. Heywood E. H. Liller J. E. Shakeshaft H. R. Walton <sup>25</sup> L. E. H. Williams	J. I. Bernard <sup>26</sup> V. A. Brown B. M. Burt R. T. Coe A. M. Foden Thomas Ratcliffe E. Y. Robinson J. R. Wilkinson	R. F. Rowles	S. W. Barker A. H. Burr Richard Burtles Rachel Chazan A. L. Godbert C. G. Hampson J. D. Hannah C. A. Hatton J. E. Kemp Clara Levin D. K. Moore <sup>28</sup> K. J. B. Robertson T. B. Rushton F. R. Stafford J. P. Walters	.....	.....	H. C. Barnes H. K. Corser J. D. S. Hoyle
1922 <sup>26</sup> C. G. Benstead F. E. Chandler E. S. Dean Harlow Irwin Harold Knott F. M. Owner T. A. Worsdell	H. W. Forshaw A. J. King C. P. Lockton Gilbert Mather Sophoclis Petrides W. T. Slater F. W. Taylor J. A. Tyacke	G. G. Marsland	M. A. L. Banks Leonard Edmondson C. H. Hazeldine Morris Kolker I. D. Lamb Jas. Roynance E. Y. Scarlett W. R. Smith E. H. Thatcher B. E. L. Tricker W. S. Willson John Winchester	F. J. Smith	.....	G. A. Bennett J. M. Essam R. B. Moore W. E. Morton C. T. Nicholson W. H. Slater
1923 C. R. Digweed A. K. Mojumdar A. V. Raghavachar	Tom Duerden F. W. Gee T. R. Lupton J. H. Whitehead	Fred Anderton	W. Berry A. J. McA. Gelling S. H. Jenkins W. R. Jones E. H. Sharples	.....	.....	H. L. Baron N. B. Thomson
1924 J. F. Bagnall N. W. Coe John Colclough <sup>28</sup> J. H. M. Higginbotham E. A. Proffit T. S. Tsiaang	Eric Baguley H. R. Thadhani J. K. Webb	.....	A. N. Adamson Wolfe Tepper	Geoffrey Brannall	.....	S. S. Gampell

# HONOURS DIVISION IN THE FINAL EXAMINATION ON THE HIGHER COURSES FOR THE DEGREE OF B.Sc.TECH.

## UNDER NEW REGULATIONS

	<i>First Class.</i>	<i>Second Class</i>	<i>Third Class.</i>
1924			
<i>Electrical Engineering.</i>	William O'Dea Frank Whyman	<sup>2a</sup> T. R. P. Harrison E. E. Wild	Joseph Taylor
<i>Applied Chemistry.</i>	Francis Garfield J. J. H. Hastings Eric Parrish A. B. Winterbottom	J. A. Christian Norman Pollard W. M. Roy N. W. White W. B. Wragg	.....
1925			
<i>Mechanical Engineering.</i>	.....	<sup>2a</sup> Edwin Leach	...
<i>Electrical Engineering.</i>	S. M. Taylor	L. F. Whyman	J. W. Maye
<i>Applied Chemistry</i>	Frank Bryans Clifford Chew Harris Hempling A. L. H. Perry	H. S. Crabtree	.....
1926			
<i>Mechanical Engineering.</i>	A. F. McCulloch H. M. Sansom	.....	Frederick Withnall
<i>Electrical Engineering.</i>	Sidney Atkinson A. J. Faragher E. M. Price	H. G. Boullen O. E. Mainer Eric Warrington	.....
<i>Applied Chemistry.</i>	G. R. Barnes F. M. Booth Robert Edgeworth- Johnstone Eric Boyland	J. C. Beggs Raphael Black S. W. Butterworth Cedric Hitchen A. J. Suthers	.....
<i>Sanitary Engineering.</i>	A. L. L. Baker	<sup>1a</sup> John Tomlinson	...
1927			
<i>Mechanical Engineering.</i>	Harry Hampson K. N. Johnson	.. ..	.....
<i>Electrical Engineering.</i>	H. H. Fairhurst William Green Thomas McGreevy J. W. Whiteley A. F. Wilkins	J. A. Wilson	.. ..
<i>Applied Chemistry.</i>	Jack Butterworth Arthur Eccles Samuel Rubenstein	L. P. Hargraves Sidney Holt	.. ..
<i>Sanitary Engineering.</i>	F. R. Gaskell	Frederick Bardsley	.. ..
<i>Textile Industries.</i>		<sup>2a</sup> F. S. Tinnion	.....
1928			
<i>Mechanical Engineering.</i>	W. H. Evans D. G. Sopwith J. S. Taylor	Hyman Rabenovitch	.. ..
<i>Electrical Engineering.</i>	E. N. Gunliffe Mark Finkel <sup>2a</sup> Fred Hall G. R. Ounan	Sydney Farrer Geoffrey Fowler P. T. Thornhill	Alfred Hobson
<i>Applied Chemistry.</i>	A. C. Davidson J. G. Evans G. H. Kenyon	W. O'D. Pierce	.. ..
<i>Sanitary Engineering.</i>	A. L. Morgan	.....	.. ..
<i>Textile Industries.</i>	... .	A. T. C. Robinson	.. ..

HONOURS DIVISION IN THE FINAL EXAMINATION ON THE HIGHER COURSES  
FOR THE DEGREE OF B.Sc TECH.—*continued.*

	<i>First Class.</i>	<i>Second Class.</i>	<i>Third Class.</i>
1929			
<i>Mechanical Engineering.</i>	Norman Gibson J. L. Thomson	W. S. Potter J. R. Whittaker	...
<i>Electrical Engineering.</i> <sup>2a</sup>	Robert Hamilton James Hargreaves A. O. Johnson J. E. Peters	G. R. Bean D. N. Beggs Richard Boyer J. D. Forster Eric Grundy C. M. Holt J. E. Mitchell G. B. Proctor	.....
<i>Applied Chemistry.</i>	W. R. Brown Edward Burgoine Gerard Doxey F. A. Robinson <sup>2a</sup> John Shackleton	E. C. Knight J. A. Tabb	...
<i>Textile Industries</i>	E. G. Bianca Edmund Whittaker	..	..
1930			
<i>Mechanical Engineering.</i>	E. W. Snow W. W. Stephenson	.....	...
<i>Electrical Engineering.</i>	Eric Bradshaw N. B. Fletcher D. H. McCracken Albert Morgan J. H. Sumner	G. L. Leighton J. T. Sharples T. G. Tomlinson	Frank Atkinson
<i>Applied Chemistry.</i> <sup>2a</sup>	John Boulton Harry Kay Frank Morton	C. R. Bond E. J. Farrar	...
1931			
<i>Mechanical Engineering.</i>	E. R. Pearce	T. S. Neville	.....
<i>Electrical Engineering.</i>	J. B. Morley J. C. Ratcliffe W. G. Robinson	A. R. Baker T. C. Nuttall G. H. Platt	.....
<i>Municipal Engineering.</i>	W. P. Hunter H. B. Knight S. A. Rossiter		...
<i>Applied Chemistry.</i>	Norman Bromley	J. P. Hatton F. H. Montgomery	.....
<i>Textile Chemistry</i>	.....	Leonard Morris	.....
1932			
<i>Mechanical Engineering.</i>	F. F. Butterworth J. G. Morrison Wilfred Sheeran	R. N. Fahmy Walter Lister H. A. Vhes	E. W. L. Agar J. H. Bentley
<i>Electrical Engineering.</i>	H. S. Churnside J. W. A. Chorley C. P. Edwards W. L. Kidd I. A. Moses	H. L. Elliott W. A. McNeill Harry Pickup John Sunderland	
<i>Municipal Engineering.</i>	James Brearley Frank Law	S. K. Tolfree	...
<i>Applied Chemistry.</i>	D. W. Adamson J. T. Bradshaw George Hancock R. E. Hargreaves	Harry Jones	.....
<i>Textile Chemistry.</i>	.....	C. G. Bridge	.....
1933			
<i>Mechanical Engineering.</i>	J. R. Appleton F. C. Thornley	M. V. Alikhan	.....
<i>Electrical Engineering.</i>	S. H. Padel C. W. Pass	J. B. Holt D. H. Thomas	.....
<i>Applied Chemistry.</i>	N. E. Densem Eric Vero W. S. Walker	R. H. Hall Leonard Morritt	...

## Session 1933-1934.

### Admission and Registration of Students.

The Session extends from Thursday, October 5th, 1933, to Saturday, July 7th, 1934. It is divided into the following terms, viz. :

	<i>Commencement.</i>	<i>Termination.</i>
Michaelmas term ...	October 5th, 1933 ...	December 1 <sup>st</sup> th, 1933
Lent term ...	January 11th, 1934 ...	March 27th, 1934.
Summer term...	April 19th, 1934 ...	July 7th, 1934.

Degree Days : December 18th, 1933.

July 6th and 7th, 1934.

In the Faculty of Technology the dates are as above, with the addition of the Long Vacation term, July 9th to July 27th, 1934. Students who are able to obtain an approved course of practical training extending over not less than two months in a works or otherwise will be excused the Long Vacation term.

Persons seeking admission are required :

- (a) To have attained the age of 16 years ; in the case of women students, 17 years.
- (b) To produce a testimonial of good character.
- (c) To have passed the Matriculation or other examination required for the course to be taken, or, in the case of students not entering for a degree, diploma, or certificate, to give such evidence of proficiency as may be satisfactory to the Vice-Chancellor.
- (d) To sign a declaration that they will observe the Regulations of the University.

**The Council, on the recommendation of the Senate, may exclude from the University and refuse to re-admit any students whose progress in their studies shall be deemed unsatisfactory.**

The normal period of study for the degree of Bachelor extends over three years, except in the case of the courses leading to the degrees of B.A. with Honours in Architecture, Classics, or Philosophy, M.B. and Ch.B., and B.D.S.

Students are required, before entering upon a course of study leading (a) to a degree, to have passed the Matriculation Examination of the Joint Matriculation Board or to have obtained a certificate of exemption as having passed an examination accepted



as of equivalent standard, or (b) to a certificate, to have passed the Entrance Examination or some examination accepted in lieu thereof.

Attention is drawn to the fact that in certain Faculties, special requirements are made regarding the subjects forming part of the examination qualifying for admission to the Faculty.

Before registration shall be considered as complete every student entering on a degree course will be required to produce to the Registrar (in the Faculty of Medicine, the Dean of the Medical School) his **Matriculation Certificate** or certificate of exemption. In the case of a certificate of exemption, the certificate of the examination on which exemption was granted must be produced.

On payment of the class fees the student will receive a card of admission to classes, which must be shown to the Professor or Lecturer conducting each class, and be signed by him.

After October 31st students are admitted only for special reasons. Application for admission after October 31st must be made, in the first instance, to the Registrar.

Persons qualified to conduct independent research are admitted to the Library and the laboratories under special regulations, particulars of which may be obtained from the Registrar.

All students are recommended to make use of the coat lockers provided; they can be hired from the porters in the respective departments.

### *Women Students.*

All women students registering for the first time are required to see the Adviser to Women Students as soon as possible after registration and, in any case, not later than the end of the third week of the session. It is desirable to consult her beforehand as to the choice of a course of study with a view to the career contemplated, and she will attend at the University to advise students from Wednesday, September 27th, to Wednesday, October 4th, between the hours of 10 a.m. and 12-30 p.m. and 2 and 4 p.m. on weekdays, except Saturday.

All women students are invited to apply to the Adviser to Women Students at any time for information or advice. She is also available for consultation by former students and others, by appointment.

### *Training Department Students.*

For detailed information regarding admission to the Training Department, see page 682.

## Faculty of Arts.

### *Honours Courses.*

Candidates intending to enter upon any Honours Course (save Architecture; Economics, Politics, and Modern History; Philosophy; Geography; and Oriental Studies) must have passed the Matriculation Examination, or some equivalent examination, in Latin (in the case of the Honours Schools of German and English, Greek may be substituted for Latin); otherwise, they may not, without special permission of the Board of the Faculty, proceed in less than four years to the Final Honours Examination. Permission to complete their Honours Course in three years will be given not earlier than the close of the first session, upon evidence as to the applicant's ability to complete the course satisfactorily within the shorter period, and will be confined *either* to candidates who have obtained exemption from one of the subsidiary subjects required under Regulation C1 of their Honours Schools *or* to candidates who have passed Intermediate Latin before the beginning of their second session and have not more than one subsidiary subject to complete.

Persons wishing to enter any of the Honours Schools in the Faculty of Arts are advised to communicate at an early date with the Professor of the subject and to submit evidence of suitability for entry to the Honours Course, *e.g.*, examinations passed and School record.

### *Ordinary Courses.*

No additional requirement as to the subjects passed in the Matriculation Examination is made, but it is pointed out that, during their course, candidates must pass the Intermediate Examination in *either* Latin *or* Greek.

Students intending to take a course leading to an ordinary degree should consult the Tutor of the Faculty of Arts.

### *Registration of Arts Students.*

**Registration will take place in the Arts Building.**

**Old Students** in the Faculty of Arts must register between (**Honours**) 10 a.m. and 1 p.m. on Monday, October 2nd, or between 10 a.m. and 1 p.m. on Tuesday, October 3rd.

**NOTE.**—**Old Students (Honours)** living within easy reach of Manchester are expected to register on Monday morning.

**New Students** in the Faculty of Arts must register between (**Honours**) 2 p.m. and 4 p.m. on Tuesday, October 3rd, or between 10 a.m. and 1 p.m. on Wednesday, October 4th.

**Students who are candidates for the Ordinary Degree of B.A.** must register on Tuesday, October 3rd, or Wednesday, October 4th, between 10 a.m. and 1 p.m., or 2 p.m. and 4 p.m.

### **Faculty of Science.**

Candidates entering upon a course for a degree in the Faculty of Science are required (i.) to have passed in Mathematics as a subject of the Matriculation Examination, or to give evidence satisfactory to the Senate of having attained an equivalent standard; (ii.) to have passed in Mechanics as a subject of the Matriculation Examination, or to give evidence satisfactory to the Senate of having attained an equivalent standard. (See Note below.)

Persons wishing to enter any of the Honours Schools in the Faculty of Science (except the Honours School of General Science) are advised to communicate at an early date with the Professor of the subject, and to submit evidence of suitability for entry to the Honours course, *e.g.*, examinations passed and school record. In the case of the Honours School of General Science, applications should be made to the Tutor of the Faculty of Science.

Students intending to take a course leading to an ordinary degree should consult the Tutor of the Faculty of Science.

#### *Registration of Science Students.*

Students will be enrolled on Monday, Tuesday, and Wednesday, October 2nd, 3rd, and 4th, between 10 a.m. and 1 p.m., and 2 and 4 p.m., and on subsequent days between 10 a.m. and 1 p.m.

NOTE.—The following examinations will be regarded as satisfying the University requirements as regards Mechanics for admission to the Faculties of Science and Medicine :

### **JOINT MATRICULATION BOARD.**

#### *Higher School Certificate.*

A pass in :

- (a) Applied Mathematics (Principal or Subsidiary subject).
- (b) Pure and Applied Mathematics (Principal or Subsidiary subject).
- (c) Physics (Principal subject).
- (d) Physics (Subsidiary subject, provided that the Mechanics section of the paper has been taken).

**Matriculation Examination.**

A pass in :

- (a) Physics, provided that the Mechanics section of the paper has been taken.
- (b) Physics-with-Chemistry, taken subsequently to 1926, provided that the Mechanics section (three questions) of the paper has been taken.

**School Certificate Examination.**

A pass *with Credit* in :

- (a) Physics, provided that the Mechanics section of the paper has been taken.
- (b) Physics-with-Chemistry, taken subsequently to 1926, provided that the Mechanics section (three questions) of the paper has been taken.

Applications for the acceptance of other examinations in Mechanics may be made. Such applications should be addressed to the Registrar, and must be accompanied by full particulars, together with a *Syllabus* of the examination or a copy of the examination paper.

Any candidates who have not already satisfied the requirements in Mechanics will be required to pass an examination in Mechanics, to be held in the University at the end of September or the beginning of October each year.

**Faculty of Law.**

Candidates for the degree of Bachelor of Laws are required to have passed in Latin in the Matriculation Examination or in some examination of equal or of higher standard, or to give evidence of such proficiency in Latin as may be satisfactory to the Board of the Faculty of Law.

Students proposing to read for the degree of LL.B. should in the first instance see the Secretary to the Faculty. Students intending to take the special course under the Solicitors Act, 1932, should consult the Tutor for Articled Clerks.

**Registration of Law Students.**

Students will be registered on Monday and Tuesday, October 2nd and 3rd, between 10 a.m. and 1 p.m. and 2 and 4 p.m., and on subsequent days between 10 a.m. and 1 p.m.

### **Faculty of Medicine.**

Candidates entering upon a course for a degree in the Faculty of Medicine are required :

- (i.) To have passed in Latin as a subject of the Matriculation Examination, or, in special cases, to give such other evidence of the knowledge of Latin as may be satisfactory to the Senate.
- (ii.) To have passed in Mathematics as a subject of the Matriculation Examination, or to give evidence satisfactory to the Senate of having attained an equivalent standard.
- (iii.) To have passed in Mechanics as a subject of the Matriculation Examination, or to give evidence satisfactory to the Senate of having attained an equivalent standard.  
(See Note under Faculty of Science, page 334.)

Intending students must send in their applications as early as possible to the Dean of the Medical School.

Students commencing the study of Medicine at a Medical School should be registered within 15 days after the beginning of the session. **No person can be thus registered unless he shall have previously passed a recognised Preliminary Examination in the subjects of General Education.**

The General Medical Council require that medical studies shall extend over a period of five years from the date of passing a recognised examination in Chemistry and Physics.

### *Registration of Medical Students.*

The Dean of the Medical School will be present in the Dean's Office to confer with parents or guardians and to enrol **new students** and arrange for their registration on Thursday and Friday, September 28th and 29th, from 10 a.m. to 1 p.m., and during the following week at hours to be arranged. He may be seen at other times only by appointment. **Old Students** will register with the Tutor of the Faculty of Medicine at the times stated above, and in the afternoon of the same days (except Saturday), as posted in the Medical School.

Students are strongly urged to enrol with the Dean or Tutor before the actual opening of each session. In this way they save much time and are enabled at once to profit by continuous and uninterrupted attendance at lectures and other classes.

*Registration of Dental Students.*

The Dean of the Dental Hospital will be present, in the Dean's Room, on Tuesday, October 3rd, from 9-30 a.m. to 12 noon, and Wednesday, October 4th, from 9-30 a.m. to 12 noon, to register new students. All students should see the Dean at the Dental Hospital before proceeding to register at the University.

**Faculty of Commerce and Administration.**

Students proposing to enter upon a course for a degree or certificate in either Commerce or Administration should consult the Tutor or Secretary to the Faculty.

*Registration of Students in Commerce or Administration.*

Students will be enrolled on Monday, Tuesday, and Wednesday, October 2nd, 3rd, and 4th, between 10 a.m. and 12 noon, 2 and 4 p.m., and 6 and 8 p.m., and on subsequent days between 10 a.m. and 1 p.m. The Dean of the Faculty will attend at the University at the same hours as above to advise students as to their courses, and may also be seen on subsequent evenings by appointment. For the convenience of evening students the Bursar's Office will be open from 6-30 p.m. to 8 p.m. each evening from October 9th to 13th.

**Faculty of Music.**

Intending students should communicate as early as possible with the Dean or Secretary of the Faculty.

They must give evidence satisfactory to the Dean or Secretary of the Faculty that they have an adequate knowledge of Harmony and Counterpoint.

*Registration of Students in Music.*

Students will be registered on Monday, Tuesday, and Wednesday, October 2nd, 3rd, and 4th, between 10 a.m. and 1 p.m., and 2 and 4 p.m., and on subsequent days between 10 a.m. and 1 p.m.

**Faculty of Theology.**

Students intending to enter the Faculty of Theology should communicate with the Dean or Secretary of the Faculty.

*Registration of Theological Students.*

Registration will take place on Wednesday, October 4th, from 2 to 4 p.m., when the Secretary of the Faculty and Professor Dodd will be present to give advice to students. Professor Dodd may be seen on subsequent days by appointment.

### **Faculty of Technology.**

Candidates entering upon a course for a degree in the Faculty of Technology are required to have passed in Mathematics as a subject of the Matriculation Examination, or to give evidence satisfactory to the Senate of having attained an equivalent standard.

Intending students should apply direct to the Registrar, the College of Technology, Manchester. Early application is advisable, as the date of application will be considered when the allocation of places is made.

#### *Registration of Students in Technology.*

Enrolment will take place at the College of Technology but all students in the Faculty must subsequently sign the University Register in the University Buildings. Students will be enrolled on Monday, Tuesday, and Wednesday, October 2nd, 3rd, and 4th, between 10 a.m. and 12 noon and 2 p.m. and 4 p.m. Students should see at the time of their registration the Professor in charge of the Department in which they wish to study.

### **Faculty of Education.**

Application for admission to courses in the Faculty of Education should be made to the Dean or Secretary of the Faculty.

Applicants for admission to the Teacher's Diploma course, who are not already students in the Training Department, must submit their applications not later than February 1st preceding the beginning of the session for which admission is sought, and applicants will be *provisionally* admitted as soon as possible. Applications received after February 1st can be considered only in special cases.

#### *Registration of Students in Education.*

Students will be registered on Monday, Tuesday, and Wednesday, October 2nd, 3rd, and 4th, between 10 a.m. and 1 p.m. and 2 p.m. and 4 p.m., and on subsequent days between 10 a.m. and 1 p.m.

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### **Degree Days.**

The Ceremonials for conferring degrees will be held on December 19th, 1933, and July 6th and 7th, 1934, and on such other days as may be fixed by the Vice-Chancellor.

# Dates of Examinations.

## I. TERMINAL CLASS EXAMINATIONS.

These examinations commence approximately on the following dates

Michaelmas term .. .. .	December 13th, 1933
Lent term .. .. .	March 20th, 1934.

## II. DEGREE AND DIPLOMA EXAMINATIONS IN 1933-34.

The dates of commencement of examinations given in the following time-tables are approximate and may be varied. Candidates must consult the Final Issue of the time-tables displayed on the University notice-boards.

If, owing to special circumstances, no fee is due for an examination or part of an examination, notice, in writing, must be sent to the Registrar on or before the date named for the payment of the fee.

The attention of candidates is particularly invited to the following table, as the Rules as to dates for payment of Fees and for sending in Certificates will be strictly enforced. Candidates not in attendance during the session in which they are examined, must in all cases give notice and pay fees not later than February 1st.

	Date of commencement of Exam.	Last day for notice and payment of fees.	Last day for sending in Certificates of Attendance.
Certificates, Entrance Examination	Oct. 4th	Sept. 28th.	...
Matriculation Examination .. ..	July 6th.	June 30th.	...
Intermed. B.A., B.Sc., & B.Sc.Tech	June 4th.	March 15th.*	...
Ditto, Supplementary Exam. ....	Sept. 17th	Sept. 1st.†	...
Final B.A., B.Sc., & B.Sc.Tech. ...	June 4th.	March 15th.*	...
Final B.A., B.Sc., B.A. (Com.), B.A. (Admin.), and B.Sc.Tech. ... ..	June 4th.	Feb. 1st.	...
Candidates not in attendance during session in which examination is taken.			
Intermediate & Final LL.B. ... ..	June 4th.	March 15th.*	...
Honours Schools (B.A. and B.Sc.) ..	June 4th.	March 15th.*	...
M.Sc., M.Sc.Tech., Thesis (under Ord. I.) ... ..	...	March 1st or June 1st.	Thesis to be presented by May 24th or Sept. 15th.
Ditto (Ord. II.) ... ..	...	March 1st or June 1st.	Thesis to be presented by April 30th or Sept. 15th.
M.Sc.Tech. (Ord. III.) ... ..	...	March 1st.	Thesis to be presented by April 30th.
M.A., M.A. (Com.), M.A. (Admin.), and LL.M., by Thesis ... ..	...	March 1st or June 1st	Thesis to be presented by April 30th or Sept. 15th.
M.A., M.A. (Com.), and M.A. (Admin.), by Examination and Thesis ...	June 4th.	March 1st.	Thesis to be presented by April 30th.
M.Ed. ... ..	...	March 1st.	Thesis to be presented by April 30th
Preliminary and Final B.D. ...	June 4th.	March 15th.*	...
Litt.D., D.Sc., LL.D., & D.D. ... ..	Candidates must make application to the Registrar on or before January 31st.		

\* Late entries may be received up to March 21st on payment of an additional fee.  
 † Late entries may be received up to September 5th on payment of an additional fee.  
 See Syllabus of Joint Matriculation Board, obtainable from the Secretary, 315, Oxford Road, Manchester, 13.



## DEGREE AND DIPLOMA EXAMINATIONS —continued.

	Date of commencement of Exam.	Last day for notice and payment of fees.	Last day for sending in Certificates of Attendance.
First Mus.B. ... ..	June 4th.	March 15th.*	... ..
Second Mus.B.... ..	June 4th.	March 15th.*	... ..
Third Mus.B. ... ..	June 4th.	Exercise Fee, Mar. 30th. Exam. Fee, March 15th.*	Exercise to be sent in by April 1st.
Mus.D. ... ..	June 4th.	Exercise Fee, Mar. 30th. Exam. Fee, March 15th.*	Exercise to be sent in by March 30th.
B.A. (Com.), and B.A. (Admin) ... ..	June 4th.	March 15th.*	... ..
First M.B.:			
Chemistry, Physics ... ..	March 12th. Sept. 17th.	Feb. 18th. Sept. 1st.	... ..
Zoology ... ..	March 12th. June 18th.	Feb. 18th. May 1st.	... ..
Botany... ..	Nov. 30th. Sept. 17th.	Oct. 20th. Sept. 1st.	... ..
Second M.B. ... ..	March 12th. June 18th.	Feb. 18th. May 1st.	... ..
Third M.B. ... ..	Nov. 30th. June 18th.	Oct. 20th. May 1st.	Nov. 24th. June 10th.
Final M.B.... ..	Nov. 30th. June 18th.	Oct. 20th. May 1st.	Nov. 24th. June 10th.
M.D. ... ..	June 18th.	May 1st.	... ..
Ch.M. ... ..	June 18th.	May 1st.	... ..
First B.D.S. Chemistry, Physics ...	March 12th. Sept. 17th.	Feb. 18th. Sept. 1st.	... ..
Zoology ... ..	March 12th. June 18th.	Feb. 18th. May 1st.	... ..
Botany ... ..	Nov. 30th. Sept. 17th.	Oct. 20th. Sept. 1st.	... ..
First L.D.S. ... ..	March 12th. Sept. 17th.	Feb. 18th. Sept. 1st.	... ..
Second B.D.S. ... ..	March 12th. Sept. 17th.	Feb. 18th. Sept. 1st.	March 1st. July 18th.
Second L.D.S.:			
Zoology ... ..	March 12th. June 18th.	Feb. 18th. May 1st.	... ..
Botany ... ..	Nov. 30th. Sept. 17th.	Oct. 20th. Sept. 1st.	... ..
Dental Metallurgy and Dental Mechanics ... ..	March 12th. Sept. 17th.	Feb. 18th. Sept. 1st.	March 1st. July 18th.
Third B.D.S. and Third L.D.S. ...	Nov. 30th. June 18th.	Oct. 20th. May 1st.	Nov. 24th. ... ..

\* Late entries may be received up to March 21st on payment of an additional fee.

DEGREE AND DIPLOMA EXAMINATIONS — *continued.*

	Date of commencement of Exam.	Last day for notice and payment of fees.	Last day for sending in Certificates of Attendance.
Final B.D.S. and Final L.D.S. {	Nov. 30th. June 18th.	Oct. 20th. May 1st.	Nov. 24th. June 10th.
Diploma in Geography ... ..	June 4th.	March 15th.*	... ..
Diploma in Public Health (Part I.) {	June 18th. Oct. 8th.	May 1st. Sept. 1st.	June 10th. Sept. 22nd.
Diploma in Public Health (Part II.) {	June 22nd. Oct. 11th.	May 1st. Sept. 1st.	June 10th. Sept. 22nd.
Diploma in Bacteriology ... ..	June 18th.	May 1st.	June 1st.
Diploma in Veterinary State Medicine... ..	June 18th. Oct. 8th.	May 1st. Sept. 1st.	June 10th. Sept 22nd.
Teacher's Diploma ... ..	Prac., March Writt'n, June	March 1st.*	... ..
Diploma in Psychological Medicine (Part I.) ... ..	March 12th. June 18th.	Feb. 18th. May 1st.	March 1st. June 10th.
Diploma in Psychological Medicine (Part II.) ... ..	June 25th. Nov. 30th.	May 1st. Oct. 20th.	June 10th. Nov. 24th.
Higher Commercial Certificate ...	June 4th.	March 15th.*	... ..
Certificate in Public Administration	June 4th.	March 15th.	.. ..
Certificate in Technology ... ..	June 4th.	March 15th.*	... ..
Certificate of Distinction in Technology ... ..	Thesis.	March 1st. or June 1st.	Thesis to be presented by May 24th or Sept. 15th.
Certificate in Biblical Knowledge {	June 4th.	March 15th.	... ..
Certificate in Theology ... ..			

\*Late entries may be received up to March 21st on payment of an additional fee.

Sets of Examination Papers are published for Sale and may be obtained from the Secretary to the University Press, 23, Lime Grove, Oxford Road, Manchester, 15.

## Fees.

*Cheques for fees, which are due at the time of registration, should be made payable to the order of "The Bursar, the Victoria University of Manchester," and crossed "District Bank Limited."*

**NOTE.**—The Council reserve the right to alter any of these fees without previous notice.

### Class Fees.

The Men's Union fee was increased by 10s. 6d. as from Session 1930-31: this causes the difference in the Composition Fees for Men and Women in which the Union Fee is inclusive.

Students registering for the first time and paying Composition Fees are supplied free with a copy of the *University Calendar*. The charge for a further copy is three shillings.

#### I. COMPOSITION FEES FOR ORDINARY AND HONOURS DEGREE COURSES.

	<i>Men.</i>	<i>Women.</i>
Ordinary B.A., per session ... ..	30½ guineas.	30 guineas.
„ B.Sc., where no Laboratory Course is taken, per session	30½	30 „
„ B.Sc. (excluding Engineering), with a Laboratory Course in one subject, per session	35½ „	35 „
„ B.Sc. (excluding Engineering), with Laboratory Courses in more than one subject, per session ... ..	40½ „	40 „
„ B.Sc. Engineering, first and second years, per session ...	45½ „	45 „
Third year, per session ...	40½ „	40 „

#### \*Honours Courses :

##### *Faculty of Arts.*

Any Honours Courses in the Faculty of Arts, except Architecture, per session ... ..	30½ „	30 „
Architecture, first, second, and third years, per session ... ..	41½ „	41 „
Fourth and fifth years, per session ... ..	28½ „	28 „

\* £7 of this fee is returnable in the second year in the case of students in the Honours Schools of English, French, German, Italian, or Spanish, proceeding to a foreign institution approved by the Board of the Faculty of Arts.

<i>Faculty of Science.</i>	<i>Men.</i>	<i>Women.</i>
Mathematics, per session ... ..	30½ guineas.	30 guineas.
Zoology, Botany, Psychology, or Geography and Anthropology (Science) per session ... ..	38½ „	38 „
Physics, Geology, Physiology, Anatomy or General Science, per session ... ..	40½ „	40 „
Chemistry or Metallurgy, per session ... ..	42½ „	42 „
Engineering, per session ... ..	45½ „	45 „

The above Composition Fees include the Registration, Library, Students' Union and Athletic Union fees.

B.A. (Com.) or B.A. (Admin.), 20 guineas per session.

In cases where a Laboratory Course is selected as one of the subjects, 24 guineas per session.

Candidates for Distinction pay 7 guineas in addition.

LL.B., 16 guineas for the first and 12 guineas for each of the second and third sessions.

The above Composition Fees include the Registration, Library, and Athletic Union fees.

<i>M.B., Ch.B.</i>	<i>Men.</i>	<i>Women.</i>
First M.B. ... ..	40½ guineas.	40 guineas.
Remaining years of Medical Course (payable in equal instalments at the beginning of the second third, fourth, and fifth years of study) ... ..	114 „	112 „

The above Composition Fees include the University Registration, Library, Students' Union, and Athletic Union fees for the sessions in which an instalment of the Composition Fee is paid. The Composition Fees payable in the second, third, fourth, and fifth years also include the Medical Students' Representative Council fees.

#### Hospital Composition Fees :

Royal Infirmary ... ..	60 guineas.	60 guineas.
St. Mary's Hospitals (payable at the respective institutions) ... ..	29 „	29 „

**B.D.S.***Men. Women.*

(payable in equal instalments at the beginning of the first, second and third years of study) ... .. 96 guineas. 94½ guineas.

The above Composition Fees include the University Registration, Library, Students' Union, and Athletic Union fees for the sessions in which an instalment of the Composition Fee is paid.

Dental Hospital Fee ... .. 160 guineas. 160 guineas.

General Hospital Fee (payable at Manchester Royal Infirmary) 15 „ 15 „

Mus.B. 20 guineas for First Mus.B. Course; in subsequent years according to classes taken.

The above Composition Fee includes the Registration, Library, and Athletic Union Fees.

Mus.D. ... .. \*15 guineas.

B.D. Average per session, about ... †15 guineas.

B.Sc.Tech., per session, about ... ‡£40—£60.

**II. FEES FOR DIPLOMA AND CERTIFICATE COURSES.****Diploma in Geography :**

Composition Fee ... .. \*10 guineas.

If the candidate is in attendance during two sessions, the fee for the second session is 5 guineas.

**Diploma in Bacteriology (Dp.Bact.) and Diploma in Pathology (Dip.Path.) :**

Composition Fee ... .. 34 „

Fee for Apparatus ... .. 6 „

(Laboratory Course.)

**Diploma in Dentistry (L.D.S.) :**

payable in equal instalments at the beginning of the first, second, and third years

of study. ... .. *Men. Women.* 86 guineas. 84½ guineas.

The above Dental Composition fee includes the Library, Students' Union, and Athletic Union fees for the sessions in which an instalment of the Composition Fee is paid.

\* Persons who have not already paid a registration fee in this University for a period of three years will pay a registration fee of £1.1s. per session in addition.

† A Registration fee of £1.1s. per session, which includes the Library and Athletic Union fees, is payable in addition.

‡ The fees for Degree and Certificate Courses in the Faculty of Technology (Chemical, Electrical, Civil, Mechanical, and Photographic Technology) are:

For students from the British Isles ... 23s. 16s. 6d. per session.

For students from the British Isles ... 25s. 16s. 6d. per session.

‡ For students from the British Isles, which include the Library and Athletic Union fees, are: First year, £2.8s.; Second year, £2.12s. 6d.; Third year, £2.12s. 6d. Together with the fees for the Students' Union (£1.4s.).

Dental Hospital Fee ... ..	125	guineas.		
Dental Hospital Fee for students who have received approved instruction from a registered Dentist ... ..	25	„		
General Hospital Fee ... ..	10	„		
Diploma in Psychological Medicine (D.P.M.):				
Composition Fee ... ..	25	„		
(This fee does not include the Hospital Fee for Clinical Instruction.)				
Diploma in Public Health (D.P.H.):				
Composition Fee for both parts... ..	34	„		
Fee for Part I. alone ... ..	22	„		
Fee for Part II. alone... ..	12	„		
(These fees do not include attendance at a Health Office or at a Fever Hospital.)				
Diploma in Veterinary State Medicine (D.V.S.M.):				
Fee for Lecture and Practical Courses given in the Laboratory, Parts I. and II. ...	20	„		
Practical Instruction in the duties of Veterinary Inspection, under an approved Veterinary Surgeon, for Part II. Normal Fee... ..	10	„		
(to be paid direct to the Veterinary Inspector concerned).				
*Diploma in Social Study:				
For first year ... ..	16	„		
For second year ... ..	12	„		
For persons excused one year's attendance	22	„		
§Teacher's Diploma ... ..	£35	10	6	£35
§Course for Certificate for Non-Graduate Teachers ... ..	£35	10	6	£35
§Course for Certificate for Teachers of the Deaf	£35	10	6	£35
§Certificate in Architecture:				
For first, second and third years, per session ... ..	41½	guineas.	41	guineas.
For fourth and fifth years, per session ... ..	28½	„	28	„
§Certificate in Engineering:				
For first and second years ... ..	45½	„	45	„
For third year ... ..	40½	„	40	„
§These Composition Fees include the fees for the Library, Students' Union, and Athletic Union.				

\* Persons who have not already paid a Registration Fee in this University for a period of three years, will pay a Registration Fee of £1. 1s. per session.

*Dates of Examinations.*

DEGREE AND DIPLOMA EXAMINATIONS —continued.

	Date of commencement of Exam.	Last day for notice and payment of fees.	Last day for sending in Certificates of Attendance.
First Mus.B. ... ..	June 4th.	March 15th.*	... ..
Second Mus.B.... ..	June 4th.	March 15th.*	... ..
Third Mus.B. ... ..	June 4th.	Exercise Fee, Mar. 30th. Exam. Fee, March 15th.*	Exercise to be sent in by April 1st.
Mus.D. ... ..	June 4th.	Exercise Fee, Mar. 30th. Exam. Fee, March 15th.*	Exercise to be sent in by March 30th.
B.A.(Com.), and B.A.(Admin) ... ..	June 4th.	March 15th.*	... ..
First M.B.:			
Chemistry, Physics ... ..	March 12th. Sept. 17th.	Feb. 18th. Sept. 1st.	... ..
Zoology ... ..	March 12th. June 18th.	Feb. 18th. May 1st.	... ..
Botany... ..	Nov. 30th. Sept. 17th.	Oct. 20th. Sept. 1st.	... ..
Second M.B. ... ..	March 12th. June 18th.	Feb. 18th. May 1st.	... ..
Third M.B. ... ..	Nov. 30th. June 18th.	Oct. 20th. May 1st.	Nov. 24th. June 10th.
Final M.B.... ..	Nov. 30th. June 18th.	Oct. 20th. May 1st.	Nov. 24th. June 10th.
M.D. ... ..	June 18th.	May 1st.	... ..
Ch.M. ... ..	June 18th.	May 1st.	... ..
First B.D.S. Chemistry, Physics ...	March 12th. Sept. 17th.	Feb. 18th. Sept. 1st.	... ..
Zoology ... ..	March 12th. June 18th.	Feb. 18th. May 1st.	... ..
Botany ... ..	Nov. 30th. Sept. 17th.	Oct. 20th. Sept. 1st.	... ..
First L.D.S. ... ..	March 12th. Sept. 17th.	Feb. 18th. Sept. 1st.	... ..
Second B.D.S. ... ..	March 12th. Sept. 17th.	Feb. 18th. Sept. 1st.	March 1st. July 18th.
Second L.D.S.:			
Zoology ... ..	March 12th. June 18th.	Feb. 18th. May 1st.	... ..
Botany... ..	Nov. 30th. Sept. 17th.	Oct. 20th. Sept. 1st.	... ..
Dental Metallurgy and Dental Mechanics ... ..	March 12th. Sept. 17th.	Feb. 18th. Sept. 1st.	March 1st. July 18th.
Third B.D.S. and Third L.D.S. ...	Nov. 30th. June 18th.	Oct. 20th. May 1st.	Nov. 24th. ... ..

\* Late entries may be received up to March 21st on payment of an additional fee.

## IV. FEES FOR PH.D. CANDIDATES.

(a) Registration Fee on admission to course (for others than graduates of this University), £5.

(b) Sessional Fee for supervision and tuition (a deduction being made for each term kept at another approved institution): Faculties of Science, Medicine, and Technology, 12 guineas to 17 guineas (according to subject taken); other Faculties, 9 guineas.

## V. FEES FOR OCCASIONAL STUDENTS.

The Lecture fees in the Faculties of Arts and Science are, for a Class meeting for one hour per week throughout the session, £3. 3s., and £2. 2s. for each additional hour except where otherwise stated.

In the Faculty of Theology the fees are slightly lower. The fee for Graduate Research in Theology is £3. 3s. per session.

The Laboratory fees are, for one day (6 hours) throughout the session, £7. 7s., and £6. 6s. for each additional day.

The fees for the separate classes in the Faculty of Medicine will be found in the Prospectus of that Faculty.

Occasional students (taking not more than two classes) are required to pay a special registration fee of £1. 1s., which includes the use of the Library. If such students desire to become members of the various Unions, they may do so on payment of the following fees:

	£	s.	d.	
Men's Union ... ..	2	8	6	per session.
Women's Union ... ..	1	18	0	„ „
Men's Athletic Union ... ..	2	0	0	„ „
Women's Athletic Union ... ..	2	0	0	„ „

## Fees for University Examinations and Conferment of Degrees.

NOTE.—(1) A candidate for examination who is not in attendance is required to send to the Registrar, on or before February 1st in the year of examination, notice of his intention to be examined, together with the fee for the examination; candidates who are in attendance must pay fees, and give notice of their intention to present themselves by the required date (see pages 339 to 341)

(2) These fees are subject to revision, without notice, from time to time.

(3) No fee will entitle to admittance to more than *one* examination

(4) A fee paid for an examination is not returnable, nor is it carried forward to the next examination except by special permission. Application for such permission must be made within one month after the date of the examination for which the fee was paid, and must be accompanied by the receipt for the examination fee.



## 1. EXAMINATIONS.

## ALL FACULTIES.

	Fee.	Fee for each re-examination.
Matriculation Examination* ...	£2 0 0	£2 0 0
Entrance Examination (for Certificate candidates) †	2 2 0	1 1 0 if taken in October of the same year.
Degree of Ph.D. :		
Fee on application to be examined ...	...	10 0 0
Fee for each subsequent examination ...	...	10 0 0

## FACULTY OF ARTS.

Intermediate B.A. Examination	10/6 each subject...	10/6 each subject
General B.A. Examination ...	10/6 each subject...	10/6 each subject
Special B.A. Examination ...	10/6 each subject...	10/6 each subject
Intermediate subject for Honours School ...	10/6 each subject...	10/6 each subject
Final Honours Examination (except Architecture) :		
Part I. ...	£2 2 0	—
Part II. ...	1 1 0	—
Final Honours Examination in Architecture :		
Part I. a ...	2 2 0	—
Part I. b ...	2 2 0	—
Part II. ...	2 2 0	—
Certificate in Architecture Examination :		
Part I. a ...	2 2 0	10/6 each subject
Part I. b ...	2 2 0	10/6 each subject
Part II. ...	2 2 0	10/6 each subject
M.A. thesis† ...	3 3 0	£8 3 0
M.A. Examination, including the presentation of the thesis ...	3 3 0	2 2 0 for examination. for thesis 3 3 0
Diploma in Geography Examination	6 6 0	3 3 0
Litt.D. thesis ...	10 10 0	10 10 0

## FACULTY OF SCIENCE.

Special Entrance Examination in Mechanics ...	0 10 6	—
First M.B. and Ch.B. Examination...	3 3 0	3 3 0
First B.D.S. Examination ...	6 6 0	3 3 0
First L.D.S. Examination ...	3 3 0	2 2 0

\* For information as to the fee for this examination when taken by forms or classes of schools for school purposes only, application should be made to the Secretary to the Joint Matriculation Board, 315, Oxford Road, Manchester, 13.

† Candidates who propose a foreign language other than French or German must make application for the acceptance of such language, and pay the fees for the examination, not later than June 15th and September 21st respectively. In the case of all language not taught in the University, an extra fee of £1. 1s., in addition to the normal fee for the Entrance Examination, will be charged for each examination.

Persons who are not graduates of this University pay an exemption fee.

## FACULTY OF SCIENCE—continued.

	Fee	Fee for each re-examination
Intermediate B.Sc. Examination (or any part) ... ..	£2 2 0	£2 2 0
Intermediate B.Sc. Examination (Candidates exempted from any part) ... ..	1 1 0	2 2 0
Final B.Sc. Examination ... ..	2 2 0	2 2 0
Final Honours (except Mathematics) Examination:		
Part I. ... ..	2 2 0	—
Part II. ... ..	1 1 0	—
Honours Examination in Mathe- matics:		
Part I.... ... ..	1 1 0	—
Part II. ... ..	1 1 0	—
Part III. ... ..	1 1 0	—
Part I., with one Inter- mediate Subject ... ..	2 2 0	—
M.Sc. thesis* ... ..	3 3 0	3 3 0
Certificate in Engineering Exami- nation ... ..	2 2 0	2 2 0
Diploma in Bacteriology Exami- nation ... ..	5 5 0	5 5 0
D.Sc. thesis* ... ..	10 10 0	10 10 0

## FACULTY OF LAW.

Intermediate LL.B. Examination ...	2 2 0	2 2 0
Final LL.B. Examination ... ..	2 2 0	2 2 0
LL.M. thesis*... ..	3 3 0	3 3 0
LL.D. thesis*... ..	10 10 0	10 10 0

## FACULTY OF MEDICINE.

Special Entrance Examination in Mechanics ... ..	0 10 6	—
Special Entrance Examination in Latin ... ..	0 10 6	—
First M.B. and Ch.B. Examination...	3 3 0	3 3 0
Second M.B. and Ch.B. Examination	3 3 0	3 3 0
Third M.B. and Ch.B. Examination	3 3 0	3 3 0
Final Examination ... ..	3 3 0	3 3 0
Ch.M. Examination ... ..	10 0 0	10 0 0
M.D. Examination or thesis ... ..	6 6 0	4 4 0
First B.D.S. Examination ... ..	6 6 0	3 3 0
Second B.D.S. Examination ... ..	3 3 0	2 2 0
Third B.D.S. Examination ... ..	4 4 0	3 3 0
Final B.D.S. Examination ... ..	6 6 0	3 3 0
M.D.S. Examination or thesis ... ..	3 3 0	3 3 0
First L.D.S. Examination ... ..	3 3 0	2 2 0
Second L.D.S. Examination ... ..	3 3 0	2 2 0

\* Persons who are not graduates of this University pay an exemption fee.

## Session 1933-1934.

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### Admission and Registration of Students.

The Session extends from Thursday, October 5th, 1933, to Saturday, July 7th, 1934. It is divided into the following terms, viz. :

	<i>Commencement.</i>	<i>Termination.</i>
Michaelmas term ...	October 5th, 1933 ...	December 1st, 1933
Lent term ...	January 11th, 1934 ...	March 27th, 1934.
Summer term...	April 19th, 1934 ...	July 7th, 1934.

Degree Days : December 19th, 1933.

July 6th and 7th, 1934.

In the Faculty of Technology the dates are as above, with the addition of the Long Vacation term, July 9th to July 27th, 1934. Students who are able to obtain an approved course of practical training extending over not less than two months in a works or otherwise will be excused the Long Vacation term.

Persons seeking admission are required :

- (a) To have attained the age of 16 years ; in the case of women students, 17 years.
- (b) To produce a testimonial of good character.
- (c) To have passed the Matriculation or other examination required for the course to be taken, or, in the case of students not entering for a degree, diploma, or certificate, to give such evidence of proficiency as may be satisfactory to the Vice-Chancellor.
- (d) To sign a declaration that they will observe the Regulations of the University.

**The Council, on the recommendation of the Senate, may exclude from the University and refuse to re-admit any students whose progress in their studies shall be deemed unsatisfactory.**

The normal period of study for the degree of Bachelor extends over three years, except in the case of the courses leading to the degrees of B.A. with Honours in Architecture, Classics, or Philosophy, M.B. and Ch.B., and B.D.S.

Students are required, before entering upon a course of study leading (a) to a degree, to have passed the Matriculation Examination of the Joint Matriculation Board or to have obtained a certificate of exemption as having passed an examination accepted

## FACULTY OF TECHNOLOGY.

	Fee.	Fee for each re-examination.
Intermediate B.Sc.Tech. Examination (or any part) ... ..	£2 2 0	£2 2 0
Intermediate B.Sc.Tech. Examination (Candidates exempted from any part) ... ..	1 1 0	2 2 0
Final B.Sc.Tech. Examination (Ordinary Courses) ... ..	2 2 0	2 2 0
Final B.Sc. Tech. Examination (Higher Courses) :		
Part I. ... ..	2 2 0	—
Part II. ... ..	1 1 0	—
M.Sc.Tech. thesis* ... ..	3 3 0	3 3 0
Certificate in Technology Examination	2 2 0	2 2 0
Certificate of Distinction in Technology thesis ... ..	3 3 0	3 3 0
Certificate in Industrial Administration Examination ... ..	3 3 0	3 3 0

## FACULTY OF EDUCATION.

M.Ed. thesis*... ..	4 4 0	3 3 0
Preliminary Examination for M.Ed. Course ... ..	3 3 0	3 3 0
Teacher's Diploma Examination ...	3 3 0	3 3 0
Non-Graduate Teacher's Certificate Examination ... ..	3 3 0	3 3 0
Teachers of the Deaf Certificate Examination ... ..	3 3 0	3 3 0
Teacher's Diploma and Teachers of the Deaf Certificate Examinations, taken together ...	4 4 0	4 4 0

## 2. EXEMPTIONS.

Candidates exempted from any University examinations are required to pay the fee for such examinations before commencing their course of study. Persons who are not graduates of this University, studying for the degree of M.A. or M.Sc. or LL.M. or M.A.(Hon.) or M.A.(Admin.) or M.Sc.Tech., under Clause 2 of the respective Ordinances for these degrees, or studying for the degree of M.Ed., are required to pay the following exemption fees, which are additional to the fees for supervision and for the examination of the thesis: Graduates of other Universities, £3. 3s.; persons who are not graduates, £10. 10s.

Candidates for the degrees of D.Sc., LL.D., and D.D. respectively, who are not graduates of this University are required to pay a fee of £8. 8s. before commencing their course of study.

\* Persons who are not graduates of this University pay an exemption fee.

### 3. CONFERMENT OF DEGREES.

The fees for conferment of degrees, which do not include any fees for examination or thesis, are as follows :

Degree of B.A. or B.Sc. or LL.B. or M.B. and Ch.B. or Mus.B. or B.A. (Com.) or B.A. (Admin.) or B.D. or B.Sc.Tech. or B.D.S., £8. 8s.

Degree of M.A. or M.Sc. or LL.M. or M.A. (Com.) or M.A. (Admin.) or M.Sc.Tech. or M.D.S. or M.Ed., £8. 8s.

Degree of Ch.M., £10. 10s.

Degree of Litt.D. or D.Sc. or LL.D., or D.D., £5. 5s.

Degree of M.D., £9. 9s.

Degree of Mus.D., £8. 8s.

Degree of Ph.D., £5.

Diploma in Dentistry, £8. 8s.

### Research Degrees.

Research degrees have been instituted by the University, open to graduates or persons who have passed the degree examination of other approved Universities, and under certain conditions to candidates not so qualified.

In all cases graduates of other Universities, or non-graduates studying for the degree of Master, shall be required at the beginning of the prescribed period of study to register as University students and apply for recognition to the Faculty concerned.

The ordinances which have been adopted will be found in the following pages :

Master of Arts, page 462.

Master of Science, page 528.

Master of Laws, page 545.

Master of Arts in Commerce, page 627.

Master of Arts in Administration, page 627.

Master of Technical Science, page 676.

Master of Education, page 695.

Doctor of Philosophy, page 399.

Doctor of Letters, page 471.

Doctor of Science, page 539.

Doctor of Laws, page 546.

Doctor of Music, page 617.

Doctor of Divinity, page 646.

The list of prescribed fees payable by all students presenting themselves for examination or sending in theses will be found on pages 347—352.

Details of the fees for supervision payable by research students preparing for the degree of Master and for the degree of Ph.D. are given on pages 346 and 347.

All research students must fulfil the University requirements as to registration.

### **Ordinances regarding Convocation.**

1. The Register of Convocation shall be kept by the University Registrar, who shall supply a copy to the Clerk of Convocation whenever required.

2. The Registrar shall enter upon the Register the names of those entitled to be members of Convocation, and shall remove from the Register the names of any who shall have ceased by death, by resignation of office, or otherwise, to be members of Convocation.

3. The names of all persons who graduate in the University after the year 1914 shall be entered on the Register.\*

#### **SUMMONS OF CONVOCAATION.**

4. The date of the ordinary annual meeting of Convocation shall be the third Wednesday in January or such other date as may be determined by the Chairman.

5. A postal list of members of Convocation shall be compiled and shall include the names of all the members who signify their wish to receive notices of meetings of Convocation. For the compilation of the postal list a circular shall be sent to all members of Convocation at least once every three years. A similar circular shall be sent to all Graduates when their names are entered as members of Convocation. (NOTE.—Special Ordinances apply to the summoning of a meeting and the procedure to be followed for the election of a Chancellor of the University.)

6. Not less than twenty-one days before every meeting of Convocation the Clerk shall send to each member of Convocation on the postal list, and to the Registrar notice of such meeting. If it is part of the business of such meeting to elect the Chairman of Convocation or the Clerk, it shall be so stated in the notice.

7. Not less than fourteen days before every meeting of Convocation the Registrar shall send to the Clerk of Convocation notice of such business as the Court or Council may desire to refer to Convocation.

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\* Persons who graduated in the University prior to the year 1915 may become members of Convocation on payment of a fee of five shillings.

# Fees.

## FACULTY OF TECHNOLOGY.

	Fee.	Fee for each re-examination.
Intermediate B.Sc.Tech. Examination (or any part) ... ..	£2 2 0	£2 2 0
Intermediate B.Sc.Tech. Examination (Candidates exempted from any part) ... ..	1 1 0	2 2 0
Final B.Sc.Tech. Examination (Ordinary Courses) ... ..	2 2 0	2 2 0
Final B.Sc. Tech. Examination (Higher Courses) :		
Part I. ... ..	2 2 0	—
Part II. ... ..	1 1 0	—
M.Sc.Tech. thesis* ... ..	3 3 0	3 3 0
Certificate in Technology Examination	2 2 0	2 2 0
Certificate of Distinction in Technology thesis ... ..	3 3 0	3 3 0
Certificate in Industrial Administration Examination ... ..	3 3 0	3 3 0

## FACULTY OF EDUCATION.

M.Ed. thesis*... ..	4 4 0	3 3 0
Preliminary Examination for M.Ed. Course ... ..	3 3 0	3 3 0
Teacher's Diploma Examination ...	3 3 0	3 3 0
Non-Graduate Teacher's Certificate Examination ... ..	3 3 0	3 3 0
Teachers of the Deaf Certificate Examination ... ..	3 3 0	3 3 0
Teacher's Diploma and Teachers of the Deaf Certificate Examinations, taken together ...	4 4 0	4 4 0

## 2. EXEMPTIONS.

Candidates exempted from any University examinations are required to pay the fee for such examinations before commencing their course of study. Persons who are not graduates of this University, studying for the degree of M.A. or M.Sc. or LL.M. or M.A.(Hon.) or M.A.(Admin.) or M.Sc.Tech., under Clause 2 of the respective Ordinances for these degrees, or studying for the degree of M.Ed., are required to pay the following exemption fees, which are additional to the fees for supervision and for the examination of the thesis: Graduates of other Universities, £3. 3s.; persons who are not graduates, £10. 10s.

Candidates for the degrees of D.Sc., LL.D., and D.D. respectively, who are not graduates of this University are required to pay a fee of £8. 8s. before commencing their course of study.

\* Persons who are not graduates of this University pay an exemption fee.

14. The Clerk shall send to every member of Convocation, not less than seven days prior to the meeting at which the election of the Chancellor is to be made, a circular letter containing a list of all candidates who have been duly nominated, and a list of the persons nominating them; and also a voting paper, stating the names of the candidates, with a direction to such member to write his initials against the name of the candidate for whom he votes, and to sign the paper; and in case he desires to vote without being present at the meeting, to post such voting paper to the Clerk of Convocation, at the University, so as to arrive before the hour appointed for the meeting.

15. All voting papers sent to the Clerk by post shall bear on the outside the words "Voting Paper."

16. The Clerk shall, on the day of the meeting, deliver unopened the voting papers which he has received to the Chairman so soon as the Chairman shall have appointed two scrutineers to examine the voting papers, and to ascertain the result of the election.

17. Those members who are present at the meeting, and have not previously forwarded their voting papers to the Clerk, shall deliver their voting papers to the scrutineers within half an hour after their appointment. In any case of doubt as to the validity of any vote the question shall be referred to and determined by the Chairman.

18. As soon as the scrutineers shall have ascertained the result of the election, they shall deliver it in writing to the Chairman, who shall at once publish it to the meeting; and a copy of the result, duly attested by the signature of the Chairman, shall be forwarded by the Clerk to the Registrar. Unless the meeting otherwise determine the voting papers shall be destroyed by the scrutineers at the close of the meeting.

#### ELECTION OF MEMBERS OF THE UNIVERSITY COURT BY CONVOCATION.

19. Whenever any vacancy or vacancies shall occur in the number of members of the University Court elected by Convocation, the Registrar shall immediately report the same to the Clerk of Convocation; and should the Council desire a Special Meeting of Convocation to be convened to elect such member or members of the Court, then the Registrar shall send notice thereof to the Clerk of Convocation not less than twenty-eight days before the day appointed for such meeting.



20. Not less than twenty-one days previous to any meeting at which a member or members of the Court shall be elected, the Clerk shall send a circular letter to every member of Convocation on the postal list at his registered address, stating at what time the meeting is to be held and the number of persons to be elected, and calling attention to the following regulation:—

No candidate shall be deemed to be duly nominated for election at any meeting unless a proposition for such nomination, in writing, signed by five members of Convocation at least, shall have been transmitted to the Clerk not less than fourteen days previous to the date of the meeting at which the election is to be made.

21. The Clerk shall send to every member of Convocation on the postal list, not less than seven days prior to the meeting at which the election is to be made, a circular letter containing a list of all candidates who have been duly nominated, and a list of the persons nominating them; and should more candidates have been duly nominated than there are vacancies to be filled he shall also send a voting paper, stating the names of the candidates, with a direction to such member to write his initials against the names of the candidates for whom he votes and to sign the paper; and in case he desires to vote without being present at the meeting to post such voting paper to the Clerk of Convocation at the University, so as to arrive before the hour appointed for the meeting.

22. All voting papers sent to the Clerk by post shall bear on the outside the words "Voting Paper."

23. The Clerk shall, on the day of the meeting, deliver unopened the voting papers which he has received to the Chairman so soon as the Chairman shall have appointed two scrutineers to examine the voting papers and to ascertain the result of the election.

24. Those members who are present at the meeting, and have not previously forwarded their voting papers to the Clerk, shall deliver their voting papers to the scrutineers within half an hour after their appointment. In any case of doubt as to the validity of any vote the question shall be referred to and determined by the Chairman.

25. As soon as the scrutineers shall have ascertained the result of the election, they shall deliver it, in writing, to the Chairman, who shall at once publish it to the meeting; and a copy of the result, duly attested by the signature of the Chairman, shall be forwarded by the Clerk to the Registrar. Unless the meeting otherwise determine the voting papers shall be destroyed by the scrutineers at the close of the meeting.

## District Groups of Convocation.

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### MANCHESTER GROUP.

The Manchester Group of Convocation was inaugurated in February, 1932. Its objects are to foster and maintain a link between graduates and their University, to provide opportunity for past students to meet and associate, to assist in the formation of sections within the Group consisting of members possessing interests in common, and to aid in the development of the University.

Membership (Annual subscription, 2/6d.) is open to all members of Convocation, both men and women residing in Manchester and the surrounding district.

(Non-graduates who have been enrolled as students in the University for at least one academic year are admitted as "Associate members.")

Graduates of the University may be enrolled as members by sending the following particulars to the Honorary Secretary :

Full Name ; Degree and Year of Graduation ; Permanent Address, together with the first Annual subscription.

Meetings are held monthly in the Union during the University session.

The following sections have been formed :—Music and Dramatic ; Social Service ; Rambling.

*Chairman*, 1932-33 : Dr. F. E. TYLECOTE, Heaton Lodge, Heaton Mersey.

*Honorary Secretary* : Dr. A. COULTHARD, 136, Barlow Moor Road, West Didsbury.

*Assistant Hon. Secretary* : Miss MARJORIE JENKINS, Lyme House, Brooklands, Cheshire.

Further information may be obtained from the Honorary Secretary.

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### LONDON GROUP.

The London Group was formed in March, 1931. A list was compiled of the past students and ex-members of the teaching staff of the University who were residing in or near London.

This list is probably far from complete, but the attempt is made to collect the names of all ex-members of the University, and the Secretaries will be very glad to receive any further names.

A Dinner was held in 1931 and also in 1932, the chair being taken by the Chancellor on each occasion. The guests of honour have been Lord Rutherford, Professor Alexander, Professor Elliott Smith and Mr. J. R. Clynes. It is intended that this dinner shall be an annual function and held during October.

During 1932 an informal tea and re-union was held at the University of London Club, and this year a visit has been paid to the Rothamsted Experimental Station under the kind hospitality of Sir John Russell.

*Chairman:* Sir SYDNEY J. CHAPMAN.

*Joint Secretaries:* Dr. and Mrs. F. C. ORMEROD, 22, Upper Wimpole Street, W.1.

### LEEDS GROUP.

A West Riding Old Owensians Association has been in existence for the last year. Its object is to provide fellowship for past members of our University who are resident in the West Riding and to welcome those of our University who come new to the district. The Association is open to all past or present students of the University, and newcomers are cordially invited to write to the

*Secretary:* Dr. F. C. HARROLD, School of Medicine, University of Leeds.

## University Parliamentary Constituency.

By the provisions of the Representation of the People Act, 1918, the Victoria University of Manchester forms part of the English University Constituency, which returns two members to Parliament.

A person is entitled to be registered as a Parliamentary elector provided that he or she has attained the age of 21 years, is not subject to any legal incapacity, and has received a degree (other than an Honorary Degree) at the University.

The University Council, in the exercise of powers conferred upon it by section 19 of the Act, has laid down the following conditions of registration:

- (1.) Persons who graduate for the first time in the Victoria University of Manchester after December 1st, 1925, and who are otherwise qualified will be placed upon the Parliamentary Register without payment of a registration fee. [It will be necessary for the graduate to fill in the registration form.]

- (ii.) Persons who graduated in the Victoria University of Manchester previous to December 1st, 1925, and who are otherwise qualified, will be placed upon the Parliamentary Register upon the payment of the registration fee of 10s.

Claims may be made up to July 31st in each year and the Register will come into effect from October 1st following.

Forms of Claim may be obtained from, and all communications should be addressed to

The Registration Officer,  
The University, Manchester, 13.

### **Regulations as to Academic Costume.\***

1. In all the Faculties, except those of Medicine and Theology, the gowns of Bachelors shall be alike.

2. In the Faculties of Medicine and Theology the gowns for Bachelors shall be the same as the gowns for Masters of other Faculties. Gowns for Doctors and Masters shall be the same for all Faculties. The shape of the Gowns for Masters and Doctors are distinctive and special to this University.

3. The gowns of graduates shall be either of stuff or of silk.

4. Doctors are entitled to wear a scarlet gown trimmed with pale gold silk.

5. The hoods of Masters and Bachelors shall be of fine black woollen cord, or of black silk, trimmed in the following manner:

For Bachelors of Arts—an edging of pale blue silk with a white fur lining inside the edging.†

For Masters of Arts—a lining of pale blue silk.

For Bachelors of Science—an edging of salmon silk with a white fur lining inside the edging.‡

For Master of Science—a lining of salmon silk.

For Bachelors of Law—a broad edging of violet-coloured silk.

For Masters of Law—a lining of violet-coloured silk.

For Bachelors of Medicine—a broad edging of red silk.

For Masters of Surgery—a lining of red silk.

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\* Candidates for graduation are required to come up in the robes and hoods prescribed by the University for the degree which they are about to receive.

† Bachelors of Arts who have graduated before 1901 are allowed, if they wish, to use the hood without the fur lining.

‡ Bachelors of Science who have graduated before 1901 are allowed, if they wish, to use the hood without the fur lining.

For Bachelors of Dental Surgery—an edging of fawn silk with a white fur lining inside the edging.

For Masters of Dental Surgery—a lining of fawn silk.

For Bachelors of Music—dark blue silk with a two-inch border of light blue silk on both the inner and outer side.

For Bachelors of Arts in Commerce and Bachelors of Arts in Administration—an edging of orange silk with a white fur lining inside the edging.

For Masters of Arts in Commerce and Masters of Arts in Administration—a lining of orange silk.

For Bachelors of Divinity—a lining of heliotrope silk with a white fur edging within the silk.

For Bachelors of Technical Science—an edging of terra-cotta corded silk and a white fur lining inside the edging.

For Masters of Technical Science—a lining of terra-cotta corded silk.

For Masters of Education—a lining of bluish-green silk.

6. The hoods for the Doctors of Letters, Doctors of Science, Doctors of Law, Doctors of Divinity, Doctors of Medicine, and Doctors of Philosophy shall be of velvet or of satin serge of a gold colour, lined with silk of a lighter shade of the same colour.

7. The caps for all graduates shall be the ordinary academic caps. Doctors may wear caps of velvet.

## **Regulations concerning Attendance and Conduct.**

1. All students are required to provide themselves with a copy of the *University Calendar*\* and of the Prospectus of their Faculty, and to make themselves acquainted with the regulations stated therein.

2. Students are required to present their card of admission to classes so that their names may be placed on the class registers of the several Professors and Lecturers in charge of the Lecture or Laboratory courses for which they have entered and to attend the same with regularity. In case of absence a written notice (**specifying the classes missed**) should be sent at once by men students (except Medical students, and students of the Department of Education who should write to their respective Deans) to the Registrar, and by women students to the Adviser to Women Students. The notice should be accompanied by a medical certificate in cases of illness likely to be prolonged. No

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\*Students registering for the first time and paying Composition Fees are supplied free with a copy of the *University Calendar*. The charge for a further copy is three shillings.

student who has suffered from an infectious illness, or in whose home there has been such illness, is allowed to return to his classes until a medical certificate has been received by the Registrar or the Adviser to Women Students, stating that there is no danger of infection being conveyed.

3. Irregularity in attendance, neglect of work, disorderly conduct, or other breach of discipline may lead to suspension from classes, or in grave cases to expulsion.

4. Students whose attendance or work is unsatisfactory, or who have absented themselves without official permission from the Sessional or Terminal Examinations will not be entitled to certificates of attendance on the class.

5. No student may attend a class for which he is not registered, and any addition to or withdrawal from the course approved at the beginning of the session must be intimated to the Adviser in the case of women students, and in the case of men students to the Dean or Tutor of their Faculty, who will give a note to the Bursar for the correction of the card.

Students who attend classes without registration will be charged an additional fee of 2s. 6d. for each such class.

6. Any change of address must be intimated at once to the Registrar.

7. **FOREIGN STUDENTS.** - A foreign student who does not make reasonable progress during his first term, owing to a lack of knowledge of English, will normally be required to receive tuition in English, and unless satisfactory progress in the study of the language be made, the attendance of the student on his University course will not be approved.

## **Special Information for Women Students.**

Women students are admitted to instruction in all subjects included in the various Faculties.

Certain rooms in the University are specially assigned to women students; they include a luncheon room for those providing their own lunch, and other accommodation in the main building. There is also the Women's Union, the fee for membership of which is included in the Composition Fee. It adjoins the Refectory and Quick Luncheon Room, both open to women students.

All women students registering for the first time are required to see the Adviser to Women Students as soon as possible after registration and, in any case, not later than the end of the third week of the session.

### *Convocation Ordinances.*

14. The Clerk shall send to every member of Convocation, not less than seven days prior to the meeting at which the election of the Chancellor is to be made, a circular letter containing a list of all candidates who have been duly nominated, and a list of the persons nominating them; and also a voting paper, stating the names of the candidates, with a direction to such member to write his initials against the name of the candidate for whom he votes, and to sign the paper; and in case he desires to vote without being present at the meeting, to post such voting paper to the Clerk of Convocation, at the University, so as to arrive before the hour appointed for the meeting.

15. All voting papers sent to the Clerk by post shall bear on the outside the words "Voting Paper."

16. The Clerk shall, on the day of the meeting, deliver unopened the voting papers which he has received to the Chairman so soon as the Chairman shall have appointed two scrutineers to examine the voting papers, and to ascertain the result of the election.

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18. As soon as the scrutineers shall have ascertained the result of the election, they shall deliver it in writing to the Chairman, who shall at once publish it to the meeting; and a copy of the result, duly attested by the signature of the Chairman, shall be forwarded by the Clerk to the Registrar. Unless the meeting otherwise determine the voting papers shall be destroyed by the scrutineers at the close of the meeting.

### **ELECTION OF MEMBERS OF THE UNIVERSITY COURT BY CONVOCATION.**

19. Whenever any vacancy or vacancies shall occur in the number of members of the University Court elected by Convocation, the Registrar shall immediately report the same to the Clerk of Convocation; and should the Council desire a Special Meeting of Convocation to be convened to elect such member or members of the Court, then the Registrar shall send notice thereof to the Clerk of Convocation not less than twenty-eight days before the day appointed for such meeting.

- (2) *Holiday Courses in Europe*. International Institute of Intellectual Co-operation. Paris, 2, rue de Montpensier. 1s. or 50 cents. (German edition: *Akademische Ferienkurse in Europa*, 1 RM. French edition: *Cours supérieurs de vacances en Europe*. 5 French francs.)

Detailed information on approximately 120 holiday courses organised by European Universities and open to foreign students. Issued annually in January.

- (3) *Quelques ouvrages de référence pour l'étudiant à l'étranger*. International Institute of Intellectual Co-operation, Paris, 2, rue de Montpensier, 1931. 21 pages.

A list of about 100 international and national publications containing information on University studies and the facilities granted to foreign Students in various European countries and in the United States of America.

- (4) *A List of International Fellowships for Research*. Published by the International Federation of University Women, Crosby Hall, Cheyne Walk, London. S.W.3., 1930. 223 pages, 1s.

A list of international and national scholarships enabling students of various countries to engage in scientific research abroad.

- (5) *Handbook of Student Travel (Europe)*. Published annually by Committee III. of the International Confederation of Students. 3, Endsleigh Street, London, W.C.1. 1931 edition, 186 pages, 2s. (French edition issued in 1931.)

Practical information for students concerning travel conditions in various European countries (hotels, clubs, University restaurants, passports, exchange, special rates, etc.). This guide is completed by an annual booklet entitled *The Intelligent Student's Guide to Europe*, published by the same organisation and containing information on students' gatherings, scientific, literary, and art congresses, athletic meetings, exhibitions, etc. to be held in Europe during the current year.

- (6) *Vade-Mecum*. Ad usum studentium catholicorum in universitatibus extraneis versantium edendum curavit Pax Romana. (Fribourg, Switzerland, Pax Romana) 1930, 304 pages.

Information in Latin concerning university schools, university associations, clubs, hostels, information bureaux for foreign students, and conditions regarding study and living in 18 European countries.



- (ii.) Persons who graduated in the Victoria University of Manchester previous to December 1st, 1925, and who are otherwise qualified, will be placed upon the Parliamentary Register upon the payment of the registration fee of 10s.

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3. The gowns of graduates shall be either of stuff or of silk.

4. Doctors are entitled to wear a scarlet gown trimmed with pale gold silk.

5. The hoods of Masters and Bachelors shall be of fine black woollen cord, or of black silk, trimmed in the following manner:

For Bachelors of Arts—an edging of pale blue silk with a white fur lining inside the edging.†

For Masters of Arts—a lining of pale blue silk.

For Bachelors of Science—an edging of salmon silk with a white fur lining inside the edging.‡

For Master of Science—a lining of salmon silk.

For Bachelors of Law—a broad edging of violet-coloured silk.

For Masters of Law—a lining of violet-coloured silk.

For Bachelors of Medicine—a broad edging of red silk.

For Masters of Surgery—a lining of red silk.

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\* Candidates for graduation are required to come up in the robes and hoods prescribed by the University for the degree which they are about to receive.

† Bachelors of Arts who have graduated before 1901 are allowed, if they wish, to use the hood without the fur lining.

‡ Bachelors of Science who have graduated before 1901 are allowed, if they wish, to use the hood without the fur lining.

Information as to lodgings may be had from the Registrar and from the Adviser to Women Students.

### Halls Licensed for Residence of Students

(In pursuance of the ordinances of the University as to Halls of Residence).

#### I. FOR MEN.

DALTON HALL, VICTORIA PARK, MANCHESTER.

ESTABLISHED 1876.

#### PRINCIPAL :

GEORGE A. SUTHERLAND, M.A. (Cambridge), late Senior Lecturer in Physics in the University of London.

#### TUTORS :

*Mathematics* : W. HUNTER, M.A., B.Sc.

*Engineering* : H. WRIGHT BAKER, M.Sc.

*Chemistry* : FRED FAIRBROTHER, D.Sc., ERIC BEVAN, B.Sc.\*

*Physics* : THE PRINCIPAL.

*Law* : EDITH HESLING, LL.B.

*Accountancy* : G. H. BLAIR, F.S.A.A.

*Pathology* : E. D. MCCREA, M.D., D.P.H., F.R.C.S.I.

*French* : JOSEPH MARKS, M.A.

*German* : K. L. F. THIELKE, M.A., F. P. PICKERING, B.A.

*Textiles* : G. A. BENNETT, M.Sc.Tech.

*Economics* : ALLAN WINTERBOTTOM, LL.M., M.Com.

*Spanish* : E. SARMIENTO, B.A., Ph.D.

*Physiology* : A. D. MACDONALD, M.A., M.B., Ch.B.

*Classics* : J. A. DAVISON, B.A.

*Botany* : JAMES GILLESPIE, B.Sc.

*Zoology* : B. J. MARPLES, M.A., M.Sc.

\*Resident.

Tutors in other subjects are appointed as necessary.

Dalton Hall, the oldest University Hall of Residence in England outside Oxford and Cambridge, was founded by the Society of Friends in Manchester in 1876. The present building, specially erected for the purpose, stands about a mile from the University, in three acres of recreation ground. It contains a Dining Hall, an up-to-date Library, a Tutorial Room, a Common Room, a Billiard Room, a Photographic Dark Room, and a Workshop, as well as separate study-bedrooms for 42 students and 1 Tutor. In addition, 16 students and a Tutor are accommodated at "Eaglesfield," a large house standing in the Hall grounds, and 13 students and a Tutor at "Neild House" adjoining the Hall. In these houses some of the large rooms are each occupied by two men.

There are three shale, one asphalt, and one grass Tennis Courts, a Cricket practice wicket, and a Fives Court lighted by electricity. A Football Field is also provided.

The object of the Hall is to enable students to have the benefit of social intercourse, friendly oversight, and tutorial assistance of the individual kind that is not provided by University lectures. There is a Tutorial staff of two or three resident, and about twelve visiting tutors, most of whom hold appointments on the University staff.

The Hall is open to members of all denominations and is managed on unsectarian lines. The inclusive Hall charges are £108 for the complete University Session of three terms, covering about 31 weeks of residence and tuition: special reductions are made for graduates. There is no entrance fee and there are no extras except for personal laundry. An allowance of 1/- per day is made for lunches necessarily taken outside. Outside the University terms the charge is 7s. per day. Students in the Faculty of Education who are admitted to the University Training Department and reside in Dalton Hall are entitled to receive the Board of Education's Hostel Grant.

Open Scholarships varying in value from £20 to £50 per annum, tenable for three years, are offered every year. Further information may be obtained from the Principal.

### **HULME HALL, VICTORIA PARK, MANCHESTER.**

#### **WARDEN :**

**The REV. T. NICKLIN, M.A.** (Cambridge), late Foundation Scholar of St. John's College, Cambridge, University Members' Prieman for Latin Essay, and Examiner for the Oxford and Cambridge Joint Board Higher Certificate and for the Oxford University Teacher's Diploma.

#### **TUTORS :**

**A. L. POWELL, B.A.**

**A. GRAHAM-BRYCE, M.D., D.P.H., F.R.C.S.,** Lecturer in Regional Surgery.

**C. E. H. BAWN, B.Sc., Ph.D.** (Bristol), Assistant Lecturer in Chemistry.

**E. A. T. GREEN, M.R.C.S., L.R.C.P.**

**W. H. JONES, M.Sc.,** Research Scholar of Chemistry.

**J. A. TODD, B.A., Ph.D.** (Cambridge), late Scholar of Trinity College, Cambridge, Assistant Lecturer in Mathematics.

**D. A. G. REID, B.Sc.(Eng.)** (Glasgow), A.M.I.C.E., Assistant Lecturer in Building Construction in the College of Technology.

**R. S. EATON, M.A.,** Lecturer in Modern Languages in the College of Technology.

**BERNIE WILKINSON, M.A., Ph.D.,** Lecturer in History.

**CYRIL JACKSON, Ph.D.** (Leeds).

This Hall was founded through the efforts of Sir William H. Houldsworth, Bart., Hugh Birley, Esq., M.P., and others, who secured the assignment to that purpose of a portion of the revenues of the Hulme Trust, created in 1691. The Hall occupies an island site of about eight acres in Victoria Park, ten minutes' walk from the University. The Main Buildings were specially built to serve as a Hall of Residence, and can accommodate 63 students in single bed-sitting rooms. Additional buildings, acquired subsequently, will accommodate some 80 more, nearly all in single rooms but a few in larger rooms shared by two or three.

The Dining Hall will seat 150; there is a Common Room and a Senior Members' Combination Room: a Library of 3,000 volumes: a Hall Chapel; a Lecture Room; a billiard room; a dark room for photography; covered Fives Courts (which can be artificially lighted), six Tennis Courts (grass and hard), a punt-about ground, and a Cricket Practice Wicket.

The Hall charges, apart from gas fire (towards which a return up to 25s. a session is made), personal laundry, and any expenses of illness, are an Admission Fee of five guineas, and for a normal minimum period of 25 weeks' residence a fee ranging, according to the accommodation selected, from 70 to 84 guineas for a single bed-sitting room, the average being £80. (The average residence has been found to be 184 days, except for Medical students, for whom special and alternative charges are made.) For residence beyond this period the charge is 6s. a day in term-time and 5s. in vacation. After three years' residence the period covered by this fee is 28 weeks in a fourth year, and after four years' residence the fee is reduced by £15 for a fifth year.

Students in the Faculty of Education who are admitted to the University Training Department and reside in the Hall are entitled to receive the Board of Education's Hostel Grant.

A large part of the endowment is devoted to the maintenance of Scholarships and Exhibitions. There is an Annual Examination in May (see pages 702 and 741) in which vacant Scholarships and Exhibitions are offered for competition. All enquiries and correspondence with regard to admission, etc., should be addressed to The Warden, Hulme Hall, Manchester.

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ST. ANSELM HALL, VICTORIA PARK, MANCHESTER.

WARDEN :

Rev. DUNCAN ARMYTAGE, M.A. (Oxford).

SUB-WARDEN :

B. T. STANLEY, M.A. (Oxford), Lecturer in Education.

SENIOR TUTOR :

G. A. RICHARDSON, B.Sc. (Manchester).

The Hall is situated in very pleasant surroundings in Victoria Park, within twenty minutes' easy walking distance from the University, or ten minutes by tram. It stands in its own grounds of some four acres in extent, in which there are Tennis Courts and a Cricket Practice Net. There is also a Football Field and a Fives Court.

It was founded, largely through the munificence of the late Lord Brassey, as a place where members of the Church of England might enjoy, so far as may be, the advantages of collegiate life afforded to them by the older universities of Oxford and Cambridge. Those who are not Anglicans, however, are welcomed if vacancies permit.

Students, belonging to the Training Department for Teachers, are entitled to the increased maintenance grant, allowed to those who reside in Institutions recognised by the Board of Education.

The fees are £80 per annum. This figure covers residence for 30 weeks. If University work entails residence beyond this period the charge is 6s. a day. These fees are inclusive providing for all meals, together with the use of the Common Room and the Library, but they do not include personal expenses such as laundry. There is no entrance fee or caution money, but a deposit of £1 becomes due when an applicant has been accepted for admission: this is deducted from the first term's fees.

There are certain Scholarships offered each year in connection with the University Scholarship Examination in May. Further information regarding these and other matters may be obtained from the Warden, St. Anselm Hall, Victoria Park, Manchester, 14, to whom also application for admission should be made.

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LANCASHIRE INDEPENDENT COLLEGE, WHALLEY RANGE,  
MANCHESTER.

PRINCIPAL :

Rev. ALEX. J. GRIEVE, M.A. (Oxford). D.D. (London).

The College was founded in 1843 for the purpose of training students for the Ministry of the Congregational Churches. It has always been in close connection with the Victoria University of Manchester, where all its students attend courses in Arts and Theology, and, in view of its extensive accommodation, has become available for the residence of a number of men apart from those following the specific training mentioned above. In 1922 it was licensed by the University as a Hall of Residence.

It is thus open to any undergraduates or graduates who desire a communal life, but preference is given to Free Churchmen.

The College is situated in one of the most agreeable parts of Manchester—Whalley Range, and is served by two tram routes, Chorlton and Alexandra Park. It has nearly eight acres of ground, including a Football Field, hard and grass Tennis Courts, a Fives Court, and provision (indoors) for Badminton. There is also an excellent Common Room, with Piano, etc.

Each student has two separate rooms, study and bedroom.

The terms of residence are the same as the University terms as given on page 331, except that the College term begins on the evening before the date given on that page.

Students who are admitted to the University Training Department and who reside in the College are entitled to receive the Board of Education's Hostel Grant.

There is no entrance fee or caution money, but damage done to property or furniture beyond reasonable wear and tear must be paid for at the end of each term. The fees are £27 per term (£24 per term in the third and subsequent years of residence), and must be paid within a month of the beginning of term. They are inclusive of board and lodging, light and heat, except for personal laundry and expenses incidental to illness, etc. Residence outside the terms is charged for at 6s. a day. There are certain Common Room Levies made by the students in their own "House."

Application, as early as possible, should be made to the Principal.

THE UNITARIAN COLLEGE, SUMMERVILLE, VICTORIA PARK,  
MANCHESTER.

PRINCIPAL :

Rev. H. McLACHLAN, M.A., D.D. (Manchester).

The College was founded in 1854. All its students attend courses in Arts or Theology at the University. It was licensed in 1927 as a University Hall of Residence.

Summerville is open to any undergraduates or graduates without restriction. It stands in its own grounds (4 acres) in which are Tennis Courts (grass and shale) and a Croquet Lawn.

There is no Entrance Fee. The fees are £90 for the University session. They are inclusive of board and lodging, light and heat, but not personal laundry or expenses incurred by illness.

Students in residence may use the Common Room, Drawing Room, and the Library, which contains 20,000 volumes.

Applications for admission should be made to the Principal.

There is accommodation for 32 students, and most of the rooms are single ones.

The fees are £70 per session. Students sharing a room pay £66. Students accepted by the University Training Department have a reduction of fees equal to the Board of Education Grant.

For further information, apply to the Warden.

ST. GABRIEL'S HALL, VICTORIA PARK.

WARDEN :

Miss N. S. PARNELL, B.A. (Liverpool).

The Hall is licensed by the University of Manchester and recognised by the Board of Education for the residence of women students. It is intended primarily for Roman Catholic students, but students of other religious denominations may be admitted.

The Hall is about ten minutes' walk from the University and stands in its own grounds, which include courts for tennis and net-ball. There is accommodation for 36 students, who occupy study-bedrooms and have the use of the Chapel, Common-Room, and other public rooms.

The fees are £65 per session for a single study-bedroom ; £55 per session for sharing a double room. Students accepted for Training by the Education Department of the University receive a maintenance grant of £34 a year from the Board of Education. Forms of application for admission and further information may be obtained from the Warden.

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**Students' Representative Council.**

**CONSTITUTION.**

1. There shall be a Students' Representative Council or Councils pursuant to Statute X. Such Council or Councils shall consist of representatives of the students, including students who are engaged in Research at the University.

2. The functions of the Council or Councils shall be :

- (a) To promote the general interests of the students and to represent them in matters affecting their interests.
- (b) To afford a recognised means of communication between the students and the University Authorities.
- (c) To promote social and academic unity.

3. The Students' Representative Council or Councils may, from time to time, with the sanction of the Vice-Chancellor, make and alter the regulations as to the composition of the Council, as to the mode of holding elections, the filling up of vacancies, and otherwise as to the organisation of the Council and other matters relating thereto.

4. Special Sectional Councils or Committees shall from time to time be appointed from among the members of the Council to deal with matters affecting the interests of special sections of the students, including Special Committees or Sectional Councils for the Medical Faculty and for the department for Women.

### **Medical Students' Council.**

For information, apply to the Secretaries.

### **The University Colours.**

The University colours, officially recognised by the Senate of the University on the recommendation of the Students' Representative Council, are adapted from the colours of the University Shield, and are composed of shades of silver and green on a dark blue field.

The University colours can be obtained only at Messrs. E. Brace & Son, 239, Oxford Road (opposite the University), who are sole agents, and will be supplied only on presentation of the official permit signed by the Secretary of the Union.

Members of the University who have been supplied with the colours once, and have had their names entered on the books of Messrs. E. Brace & Son, are entitled to purchase colours at any future date, without again presenting a permit.

### **The University Union.**

The Union was established in the year 1861, as the Owens College Union, with the object of affording students of the College opportunities of discussion on topics of general or local interest, and of developing social intercourse in the College.

The Union acts as the centre of cultural and voluntary interests and fills a very definite place in University life. In it are centred the activities of student societies, which are so numerous as to represent all interests and shades of opinion.



The present Union buildings, adjoining the University, comprise Debating Hall, Reading and Writing Rooms, Lounge and Library, Music and Games Rooms, Billiards and Card Rooms, Coffee Bar and Refreshment service, Change Rooms with bathing facilities, and a Dark Room.

The Annual Subscription, £2. 8s. 6d., is ordinarily included in the Composition Fee.

The University Union is affiliated to the National Union of Students whose headquarters are in London, and which is federated to the International Confederation of Students.

The Union is governed by a Committee elected annually, on a Faculty basis, by the members from amongst themselves.

*Life Membership.* Every life member shall, upon his election as such, pay to the Union a sum sufficient for the completion of the Composition fee of £11. 11s., towards which each annual subscription already paid shall be reckoned as part payment.

Further information with a copy of the Union Handbook and Rules, may be had on application to the Secretary, University Union, Manchester.

## **The University Women's Union.**

**(THE QUEEN'S HALL.)**

The Women's Union, which is adjacent to the University, comprises a Debating Hall, Reading Room, Committee Room, Drawing Room, and Visitors' Room, and in the basement are Cloak Rooms with Bath Rooms and Dressing Rooms.

The Committee of the Women's Union is responsible for organising the social life of the women students, acting in concert with the Men's Union where joint interests are concerned.

The annual subscription is £1. 15s., which is ordinarily included in the Composition fee. A member is entitled to the use of the Union Rooms and to attend the debates. The Women's Union is affiliated to the National Union of Students whose headquarters are in London, and which is federated to the International Confederation of Students. Students who have paid three annual subscriptions may become life members on payment of a single subscription of £3. 3s.

Further information can be obtained on application to the Secretary, Women's Union.

## The College of Technology Union.

The College of Technology Students' Union comprises all the students of the College of Technology who are registered students of the University, and contains Technical, Social, and Athletic sections.

## The Athletic Union.

PRESIDENT :

( Sir EDWARD DONNER, Bart.  
Dr. E. MOIR.

VICE-PRESIDENTS : - Dr. H. V. WHITE.

( Dr. C. H. MELLAND.  
Mr. H. M. McKECHNIE.

HONORARY TREASURER : Mr. H. M. McKECHNIE.

HONORARY SECRETARY : Mr. K. D. G. ABBOTT.

The Athletic Union comprises all the various men's athletic clubs of the University.

The Athletic Grounds consist of :

(a) A main ground of about 28 acres on The Firs Estate, at Fallowfield. The freehold of The Firs Estate was presented to the Owens College by the munificence of the Devises of Sir Joseph and Lady Whitworth. A large Pavilion is situated on this ground. The original Pavilion, the gift of Sir E. Tootal Broadhurst and erected from the designs of Mr. J. W. Beaumont, was found to be inadequate for the needs of the various clubs and was extended to its present dimensions in 1924. This Pavilion is open to all members of the Athletic Union, who have the privilege of introducing friends to the Visitors' Hall and Balcony. A subsidiary Pavilion consisting of additional dressing accommodation was adapted for use from one of the buildings of The Firs Farm in 1930.

(b) A plot of land of about three acres adjoining Old Hall Lane, acquired by the Council of the University in 1930.

These grounds are used by the Rugby Football, Association Football, Hockey, Lacrosse, Cross Country, and Athletic Clubs in the winter, and by the Cricket, Lawn Tennis, and Athletic Clubs in the summer.

Members of the Athletic Union are members of all the men's clubs incorporated in the Athletic Union, and may play for any of the clubs. All members of the Athletic Union are entitled to free use of the University Gymnasium.

The annual fee is £2, which is ordinarily included in the Composition fee.

After the payment of five annual subscriptions members are eligible for election as life members without further payment.

The following University Clubs are included in the Athletic Union :

THE RUGBY FOOTBALL CLUB.	THE ATHLETIC CLUB.
THE ASSOCIATION FOOTBALL CLUB.	THE CROSS-COUNTRY CLUB.
THE HOCKEY CLUB.	THE GYMNASIUM, FENCING,
*THE SWIMMING CLUB.	AND BOXING CLUB.
THE LACROSSE CLUB.	THE GOLFING SOCIETY.
THE CRICKET CLUB.	THE RIFLE CLUB.
THE LAWN TENNIS CLUB.	THE BADMINTON CLUB.
THE BOAT CLUB.	

As a memorial to Sir Joseph Whitworth, Mrs. Christie presented to the Owens College a Challenge Shield for Rugby Football and a Challenge Cup for Association Football, for annual competition among teams representing the Universities of Leeds, Liverpool, and Manchester. Mrs. Christie also provided a fund from the interest on which a presentation bat is awarded annually to the leading batsman of the Cricket Eleven.

The University Athletic Sports are under the direction of the Athletic Club Committee. Challenge Cups are awarded to the winners of the principal events. A " Marshall Gold Medal " is awarded to the most distinguished athlete of the year.

## **Women's Athletic Union.**

CHAIRMAN : Miss W. S. CLARKE.

HONORARY TREASURER : Professor H. S. RAPER.

HONORARY SECRETARY : Miss M. BYROM.

ASSISTANT SECRETARY : Miss G. COWAN.

There are two Hockey grounds and two Net-ball pitches provided at the University Athletic ground at Fallowfield and a Lacrosse ground near Old Hall Lane for the use of women students. There are also nine hard Tennis Courts used jointly by the men and women students. There is suitable accommodation in the Pavilion for women students. Members of the Athletic Union are members of all the clubs incorporated with it.

Annual fee, £2. The Athletic Union fee is ordinarily included in the Composition fee.

After the payment of *three* annual subscriptions, students are eligible for election as life members on payment of two guineas.

After the payment of *five* annual subscriptions, students are eligible for election as life members without further payment.

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\* Instruction is provided by the Club at the High Street Baths.

The following clubs have been incorporated :

THE HOCKEY CLUB.	*THE SWIMMING CLUB.
THE LAWN TENNIS CLUB.	THE NET-BALL CLUB.
THE ATHLETIC SPORTS CLUB.	THE LACROSSE CLUB.
THE CRICKET CLUB.	THE BADMINTON CLUB.
THE FENCING CLUB.	

For further information, apply to the Secretary.

## Recognised Societies.

### REGULATIONS.

1. The recognition of a Society will imply the privilege of applying for the use of a room in the University buildings (excluding the block comprising the Unions and Refectory) in which meetings, other than social functions, of the Society might be held, during the hours in which the University is normally open.

*Notes* :—(i.) Application for the use of rooms for meetings or social functions in the Unions should be made to the Secretary of the Men's or Women's Union and for the rooms in the Refectory to the Secretary of the Refectory Committee.

(ii.) It should be clearly understood that recognition does not imply the right to the use of a room as the granting of such use must be governed by the availability of rooms at the time of application.

2. All applications for recognition must be sent to the Vice-Chancellor who will consider each application, and, in particular, the regular activities of the Society, and will grant recognition in such cases as he may think fit. A copy of the constitution and rules of the Society must be sent to the Vice-Chancellor with the application.

3. The Vice-Chancellor shall have authority to withdraw recognition from a Society at any time, and to remove the name of that Society from the list of recognised Societies.

4. A list of recognised Societies will be kept in the Vice-Chancellor's Office.

5. All recognised Societies must submit to the Vice-Chancellor, as soon as possible in each session, the syllabus for the session.

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\* Instruction is provided by the Club at the Old Trafford Baths.

6. All recognised Societies must inform the Vice-Chancellor of any change in the constitution or rules of the Society, immediately such a change is adopted by the Society.

7. No religious services or political meetings for purposes of propaganda may be held within the University buildings.

8. The Vice-Chancellor shall have authority to prohibit the holding of any particular meeting of a Society within the University buildings.

9. The Vice-Chancellor shall have authority to ask for a report on the meetings held, together with the attendances at each meeting, in the case of any recognised Society.

### **Manchester University Settlement.**

#### **PRESIDENT :**

The Rt. Hon. THE EARL OF CRAWFORD AND BALCARRES,  
P.C., K.T., LL.D., D.Litt., F.R.I.B.A., F.R.S.

#### **CHAIRMAN OF COUNCIL :**

W. H. MOBERLY, Esq., D.S.O., M.A., Litt.D.

VICE-CHAIRMAN : PROFESSOR J. L. STOCKS, D.S.O., M.A.

HON. TREASURERS : W. H. LOWE.

W. SCHOLES.

HON. SECRETARIES : G. ST. C. ROBERTSON.

R. C. WILSON.

#### **JOINT WARDENS :**

Mrs. JEAN C. WYATT, M.A. (Edinburgh).

R. H. WYATT, B.A. (Cambridge).

The headquarters of the Settlement is at 29, Every Street, Ancoats; postal address: Ancoats Hall, Every Street. There is a Settlement representative at 34, Tarporley Avenue, Wilbraham Road Estate, and work is now developing on the Newton Heath Housing Estate, with four Settlement representatives at 5 and 7, Surbiton Road. Many branches of work are carried on. The Settlement is used increasingly as a centre for the study of social problems and social experiments. Members of the University are asked to use it as a means by which to get into touch with these problems. A Luncheon Club is held in the Round House every day except Saturdays, to which members of the University are cordially invited. Enquiries for further information should be addressed to the Secretaries of the Settlement, the Students' Representatives at the Men's and Women's Unions, or to the Wardens.

**Old Owensian Association  
and  
Manchester University Old Students' Association.**

**PRESIDENT :** Professor F. E. WEISS, D.Sc., LL.D., F.R.S.

**GENERAL HON. SECRETARY AND TREASURER :** CHAS. W. DUCKWORTH, F.C.I.S., The Bungalow, Park Road, Monton, Eccles, Manchester.

**HON. SECRETARY, UNIVERSITY OLD STUDENTS' SECTION :** EDGAR MORTON, M.Sc., F.G.S.

Membership of the Association is open to past and present students of the day and evening classes of Owens College and the Victoria University, also of the Mechanics Institute and College of Technology, together with Professors and Lecturers in all Departments, and those who have had Honorary Degrees conferred upon them.

Subscriptions, 5s. per annum (due January 1st). Life Membership, £2.

The *Journal* is now published every four months and posted free to all members in all parts of the world.

**The Holt Gymnasium.**

**INSTRUCTOR : M. J. HEALY.**

The Gymnasium, erected through the generosity of the late Sir Edward Holt, Bart., occupies a site in Burlington Street, next to the Refectory.

The Gymnasium is open to all members of the Athletic Unions and is under the control of the Athletics Committee of the University Council.

A time-table showing the hours at which the Gymnasium is reserved for Gymnastics, Fencing, Boxing and for other purposes will be displayed in the Gymnasium as early as possible in each term.

Students intending to join the Gymnastic, Fencing, or Boxing classes should give their names to the Instructor or to the Hon. Secretaries of the Clubs at the commencement of each term.

**RULES AND REGULATIONS.**

1. All persons, whether students or others, will be under the orders of the Instructor while in the Gymnasium.
2. Students must confine themselves during each lesson strictly to the exercises prescribed by the Instructor, and perform them in the order arranged by him.
3. Students, while working in the Gymnasium, must wear proper shoes and belt (to be approved by the Instructor).

4. No student will be allowed to displace or in any way interfere with any portion of the Apparatus without permission.

5. No student will be allowed to fence without his mask, jacket, and glove; or to thrust at another who is not so prepared.

6. No smoking will be permitted in the Gymnasium.

7. Students infringing any of the above rules will render themselves liable to exclusion from the Gymnasium.

Lockers in the Gymnasium can be rented for 2s. 6d. per session, and 1s. will be refunded on return of the key.

There is, in connection with the Gymnasium, a Gymnastic, Boxing, and Fencing Club which is open to all members of the Athletic Unions. The Club, which is included in the Athletic Union, arranges and controls all Gymnastic, Fencing, and Boxing competitions and displays. A competition is held annually at which the Champion Eight is selected for the year, each receiving a certificate of proficiency. The Champion of the Eight is awarded the Milnes Marshall Gold Medal and the Ward Challenge Cup. Competitions are also arranged in Fencing and Boxing, and teams are entered for the annual Inter-University Contest.

The Women's Fencing Club holds an annual competition for the Fencing Championship, and sends in a team to compete at the Inter-University Contest.

## **Magazines and Journals.**

### *The Serpent.*

#### *The University Magazine.*

*The Serpent* is the official organ of the University Union, the Women's Union, and the College of Technology Union. Two issues are published each term and the subscription is included in the Union fees. A life subscription to the Men's Union also entitles a member to receive *The Serpent* post free, on application to the Publisher. Contributions, in the form of articles, verse, fiction, or drawings are invited from all past and present members of the University.

A Fiction Prize of £5 is also awarded yearly, particulars of which will be found under the heading *Magazine Prize*.

#### **JOURNAL OF THE COLLEGE.**

The Journal of the College, printed at the College of Technology Press, contains, either in abstract or full, papers upon matters of scientific and technical interest contributed to the learned societies and scientific periodicals by members of the staff and by research students. The Journal is sent to the principal scientific institutions of the world.

### Magazine Prize.

A Prize of £5 is awarded annually for the best fiction contribution to *The Serpent*. The competition is open to all past and present students. Entries must reach the Editor, *The Serpent*, by May 1st of each year. All fiction published in *The Serpent*, subject to this condition, is automatically eligible.

Judge.			Winner.		
1920	C. E. Montague ..	..	..	Hilda M. Prescott, M.A.	
1921	Maurice Hewlett ..	..	..	O. G. de C. Ellis, M.Sc.	
1922	E. V. Lucas ..	..	..	Rev. T. C. Porteus, B.A., B.D.	
1923	Arnold Bennett ..	..	..	Geoffrey Bullough, B.A.	
1924	Miss Clemence Dane ..	..	..	Enid I. Glen, B.A.	
1925	J. Middleton Murry ..	..	..	A. A. Davis, M.B., Ch.B	
1926	E. V. Knox ..	..	..	John Wood	
1927-28	.. ..	..	..	No award	
1929	Miss Catherine I. Dodd ..	..	..	E. H. McMillen	
1930	Henry Williamson ..	..	..	R. Aileen Barr, M.Sc.	
1931	Gilbert Frankau ..	..	..	Phyllis Singleton, B.A.	
1932	L. du Garde Peach ..	..	..	M. D. Roditi	
1933	Miss Vera Brittain ..	..	..	A. R. Quinn	

### Officers Training Corps.

#### MANCHESTER UNIVERSITY CONTINGENT.

*Commanding Officer* : Bt. Lt.-Col. C. M. MASON.

*Adjutant* : Capt. T. N. PENLINGTON, The Buffs.

The "Officers Training Corps" includes, as Senior Division, all members of University Corps throughout the country. Its primary object is to provide students at universities with a standardised measure of elementary military training, with a view to their eventually accepting commissions in the Regular Army, the Territorial Army, or the Supplementary Reserve. Two certificates of proficiency called respectively A and B are obtainable by Cadets, the examinations for which are held twice in each year. Special advantages are conferred on Cadets who, after obtaining one or both of these certificates, obtain commissions in the Regular or Territorial Army.

The Officers Training Corps does not form part of the Territorial Army; it is independent of County Associations; and, for purposes of organisation and control, is directly under the War Office; its training is under the direction of the chief of the General Staff.

The Rifle Ranges at Diggle are, by arrangement with the County Association, available for members of the Contingent.



## Commissions in the Regular Army.

As one of the Universities approved by the Army Council in accordance with the "Regulations under which commissions in the Regular Army may be obtained by University Candidates," this University may forward to the War Office the names of candidates recommended by its Nomination Board. Before recommendation by the Board a candidate must have undergone the course of Military Studies which has been established.

The Army Council wish to encourage the flow of undergraduates into the Regular Army and the regulations provide opportunities for undergraduates who enter the University with the intention of applying for a Commission later, to qualify for this during their course of study. Facilities are also given to those who only decide towards the end of their course to become candidates.

Candidates on nomination, are graded according to (a) educational qualifications, (b) military qualifications and (c) record and character. The Commission of an accepted candidate would be antedated by a period depending on the grade in which he had been placed by the University Nomination Board.

The military qualifications may be obtained by efficient membership of the Officers Training Corps, and by a period of attachment to a Regular Unit during Vacation.

It is pointed out that an army career offers many advantages with its promise of a healthy life, an assured pension, and a chance of seeing the world.

Detailed information with regard to the various branches of the Service, pay, etc., may be obtained from O.T.C. Headquarters.

## The Christie Library.

LIBRARIAN :

CHARLES W. E. LEIGH, M.A.

The Christie Library, erected by the munificence of the late Chancellor Christie, is situated on the south side of the quadrangle. It includes a large Reading Room and Reference Library, open to members of the University and to the holders of special readers' tickets. On the ground floor there are several small rooms which are available by special permission for the purpose of study.

The collection of books, which now numbers 256,013 volumes, has been augmented from time to time by purchases made from bequests or donations of money, and by the acquisition

of several important private libraries, amongst which may be specially mentioned those formed by Dr. Christie, Bishop Prince Lee, Professor Freeman, Professor Jevons, Professor Adamson, Professor Strachan, and Professor Marillier.

#### REGULATIONS.

1. The Christie Library is open to all day students, for the reading and borrowing of books, on payment of the Library admission fee, during the following hours: Daily from 9-30 a.m. to 5-30 p.m., except on Saturdays, when the Library is open from 9-30 a.m. to 1 p.m. [During the session 1933-34 the Library will also be open on Monday, Tuesday, Thursday, and Friday evenings during term until 8-30, for the convenience of evening students.]

2. Admittance to the Library and use of its books are conditional upon the strict observance of the Rules, a copy of which is posted in the Library.

3. During Vacations the Library may be consulted and books may be taken out only by persons qualified under Rules 10 and 12, and by students holding Vacation orders, between the hours of 9-30 a.m. and 4-30 p.m. A fortnight will be allowed for the retention of books thus taken out. The Library is closed on the dates indicated in the University Almanac, and on all University holidays. Books may be retained during these periods only by persons qualified under Rules 10 and 12, and by students who have on application obtained orders to that effect from the Chairman of the Library Committee.

4. All books, by whomsoever borrowed, must be returned to the Library before the 22nd of June, but may be renewed. One shilling per volume will be charged on every book for each fortnight or portion of a fortnight it is detained after that time. The Library will remain closed from the 1st to the 14th August inclusive for the annual stocktaking.

5. All applications for books (other than those placed in the Reading-room) to be read in the Library or to be taken out of it must be made to the Librarian or his Assistant, on the printed voucher forms severally provided for the purpose.

Books used in the Reading-room are not to be left on the tables, but must be returned to the Librarian or the Assistant in attendance; books of reference must be replaced on the shelves from which they have been taken.

6. No Library books are in any circumstances to be taken into the class-rooms by students.

7. Books taken out of the Library may be retained not longer than one week, but may be renewed for a further period of the same length if no other application has been made for them to the Librarian in the meantime. Any borrower failing to

return a book within two days after notification by the Librarian that the book is required by another reader shall be liable to a fine of 6d. for each day of detention beyond the two days, and such borrower shall not be allowed to have further books until the volume required has been returned and the fine paid. Members of the Teaching Staff may have not more than twenty volumes out of the Library at one time. Students may not have more than three volumes at one time. Former Associates of the Owens College and Graduates of the University are allowed four volumes at one time. Books may be bespoken, but will not be reserved by the Librarian for more than one day. No books are transferable.

8. The works of reference specially marked \* by the Librarian may not be taken out of the Library.

Books marked § in the Catalogue are not to be taken out except on a written order obtained from the Chairman of the Library Committee.

9. Books enumerated in the *List of Class Reference Books* posted in the Library at the beginning of each term, and books marked † in the Catalogue, may only be taken out after 3-30 p.m. for a single night, or from 3-30 p.m. on Friday, to be returned not later than 10 a.m. on Monday.

10. The rooms other than the Reading-room are accessible to Professors and Lecturers, Fellows, Graduates, former Associates of the Owens College, and persons holding special orders under Rule 12. All books thus consulted are not to be replaced on the shelves, but to be left on the ledge.

11. Students desiring to use Library Rooms other than the Reading-room shall make written application at the commencement of each session on the special forms to be obtained from the Librarian.

12. Persons not members of the University are allowed to read in the Library when introduced by one of the Governors, Professors, or Lecturers, or when they have obtained an order from the Chairman of the Library Committee. Persons desirous of making continued use of the Library should apply to the Librarian, from whom special tickets may be obtained. These tickets are available for an academic year, at a fee of 10s. 6d. for readers' tickets, or £1. 1s. for borrowers' tickets.

13. Any person borrowing a book, either to read in the Library or to take out, is held responsible for its return uninjured to the Library, and is required to replace a lost volume, or the series, as the case may be, and pay for repairing any damage which may have occurred. No marks of any kind may be made in the Library books or periodicals, and no papers or books may be placed on them.

14. The Reading-room being a place for study only, conversation of any kind is strictly forbidden.

### **Library for Deaf Education.**

This Library was established in 1919 by means of a grant received from the Carnegie United Kingdom Trust, and its resources were augmented in 1922 by the purchase of the Arnold Library from the National College for Teachers of the Deaf. It now comprises 7,215 volumes, including works dealing with the various systems of teaching the deaf, lip-reading, speech-training, psychology of speech and hearing, phonetics, acoustics, and the anatomy, physiology, and diseases of the ear, as well as sociological, historical, and other works concerning the Deaf.

The Library is freely available to all who are interested in education of the Deaf, and applications for permission to borrow books should be addressed to the Librarian.

A Catalogue of the Library was published in April, 1932, and copies can be obtained from the Manchester University Press, price 11s., post free.

### **The Medical Library.**

LIBRARIAN: G. WILSON.

1. The Medical Library, which was formerly the joint Library of the Manchester Medical Society (founded 1834) and of the Manchester University, passed at the end of 1930 into the possession of the University. Right of use of the Library and its rooms is however, retained by the Medical Society. It contains 68,000 volumes, and more than 200 journals, transactions of societies, and other periodical publications are regularly received.

2. The Library is open daily from 9-30 a.m. to 5-30 p.m., except on Saturdays, when it closes at 12-30 p.m.

3. The Library is open to members of the University Staff, Students of the Medical School, and members of the Manchester Medical Society.

4. The text-books most frequently used by students have been placed together, but students have access to the other Library books.

5. Conversation and smoking are not permitted in the Library.

### **The College of Technology Library.**

LIBRARIAN: A. F. HUTT.

The Library contains about 17,000 volumes and 2,700 pamphlets relating to applied science and technology. The abridgements of specifications of patents from the year 1855 to date are also in the Library. The journals of the principal English

and foreign Engineering and Chemical Societies are regularly received, and upwards of 200 periodicals relating to science and technology are placed in the Reading-room.

For regulations, see the *Prospectus of the Faculty of Technology*.

### **The Manchester Museum.**

**KEEPER:** The Rev. GEORGE H. CARPENTER, D.Sc.

The Manchester Museum is established for the promotion of Natural Science, with special reference to Zoology, Botany, Geology, and Mineralogy, and, so far as practicable, Archæology, Ethnology and Anthropology and other subjects which can conveniently be associated with them.

The collections are open to the public free of charge in accordance with the regulations from time to time made by the Museum Committee. Special facilities in the way of access to specimens and books are offered to students and others engaged in any particular branch of study.

The John Royle Endowment Fund was established in 1924 in memory of the late John Royle, for many years an active member of the Museum Committee. The interest, amounting to £25 annually, on shares presented to the University by his executors, is administered by the Museum Committee subject to the approval of the University Council. Grants from the funds are made for the encouragement of scientific work in the Manchester Museum to be conducted under the direction of the Scientific Supervisors and the Keeper.

The nucleus of the Museum was furnished by the specimens formerly belonging to the Manchester Natural History and Geological Societies, which were placed in the hands of the Council of the Owens College, in trust, for the benefit of the Public and of the College alike.

The Museum is under the management of a Committee, appointed in accordance with regulations made by the University, consisting of certain *ex-officio* members, of representatives of the Manchester Corporation, of several gentlemen specially elected on account of their scientific distinction, and of representatives of several Manchester scientific societies, and of the association of Members of the Museum. A minimum subscription of 5s. a year qualifies for Membership.

The Professors of Botany, Geology, and Zoology, are charged with the scientific supervision of these several departments of the Museum. The Professor of Geography acts as Supervisor in Ethnology.

The separate library of the Museum consists of about 25,000 books and pamphlets, partly transferred to the College by the Manchester Natural History Society with its collections, partly purchased from a special fund, given by the Whitworth legatees, and partly received as donations from various friends of the Museum, and partly as bequests from Miss Caroline Birley, the late Mr. Mark Stirrup, the late Mr. R. D. Darbishire, the late Professor Thomas Barker, and others. A catalogue of the library was printed in the year 1835, and subsequent acquisitions are registered in a complete card-index.

For the guidance of visitors and students a series of Museum handbooks has been published, which may be obtained at the Museum.

### MUSEUM REGULATIONS.

1. The Museum is open to the public on weekdays, from 10 a.m. to 5 p.m.; and on the first Wednesday evening in each month from 7 to 9 p.m. during the winter months, October to March. Admission free.

2. The Museum and Museum Library are further open to persons desirous to make use of them for the purposes of study. The Keeper will issue tickets of admission on suitable recommendation.

3. Students of the University are admitted to the Museum on any day in the week between the hours of 10 a.m. and 5 p.m. Those whose studies necessitate access to the specimens and the loan, for use, in the Museum buildings only, of the books in the Museum Library, may procure Students' Tickets from the Keeper, on the recommendation of the Professors or Lecturers in the several departments, such tickets to be valid only for the session in which they are issued.

4. The Museum is closed on Good Friday and Christmas Day.

### Museum Lectures.

SESSION 1933-34.

These Lectures will be given at 3-30 p.m. in the NATURAL HISTORY THEATRE, except No. I. which will be in No. 7 Lecture Room. All the lectures are on Saturday afternoons excepting No. I. (Monday, 3 p.m.); and Nos. V. and IX. (afternoon Bank Holiday lectures).

Admission to all lectures is free.

1933.

I. LADY (FLINDERS) PETRIE.

October 9th. "The Latest Digging at Gaza." (No. 7 Lecture Room.)

## II. Professor J. M. F. DRUMMOND, M.A., F.R.S.E.

October	14th.	:	
"	21st	:	" <i>Some Aspects of Town Gardening.</i> "
"	28th	:	

## III Miss C. M. LEGGE, M.A., A.R.C.A.

November	4th	:	
"	11th	:	" <i>Transport Animals.</i> "
"	18th.	:	

## IV. Professor M. A. CANNEY, M.A.

November	25th.	:	
December	2nd.	:	" <i>Some Egyptian Beliefs and Superstitions.</i> "
"	9th.	:	

V. Rev. GEORGE H. CARPENTER, D.Sc., M.R.I.A.  
(Keeper of the Museum.)

December	26th.	:	" <i>Family Parties among Animals.</i> " (Specially intended for Young People.)
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## 1934. VI. Professor H. GRAHAM CANNON, Sc.D., F.R.S.E.

January	20th	:	
"	27th.	:	" <i>How Animals Feed.</i> "
February	3rd.	:	

## VII. Professor W. J. PUGH, B.A., D.Sc., O.B.E.

February	17th	:	
	24th	:	" <i>Origin and History of Mountains.</i> "
March	3rd	:	

## VIII Professor H. J. FLEURE, D.Sc.

March	1st.	:	
"	17th	:	" <i>The African Ethnological Collection in the Museum.</i> "
"	24th	:	

IX. Rev. GEORGE H. CARPENTER, D.Sc., M.R.I.A.  
(Keeper of the Museum.)

		:	" <i>Wanderings of Animals.</i> "
April	2nd.	:	Easter Monday. (1) Yearly Journeys.
May	21st.	:	Whit-Monday. (2) Age-long Trails.

## Public Health Laboratory

(YORK PLACE).

DIRECTOR :

H. B. MAITLAND.

M.D. (Toronto), M.Sc. (Manchester), M.R.C.S., L.R.C.P.

## ACADEMIC SECTION

	Professor of Bacteriology, H. B. MAITLAND.
	Lecturers in Bacteriology,
	A. W. DOWNIE, M.D. (Aberdeen).
	R. W. FAIRBROTHER, M.D. (Manchester), M.R.C.P.
<i>Bacteriology and Immunity</i> ... ..	Lecturer in Veterinary Bacteriology and Hygiene,
	C. A. MCGAUGHY, M.Sc., D.V.S.M. (Manchester),
	M.R.C.V.S.
	Assistant Lecturer, J. C. KERRIN, M.D., D.P.H.
	(Aberdeen).
	Lecturer in Sanitary and Bacteriological Chemistry
<i>Chemistry</i> ... ..	H. HEAP, M.Sc. (Manchester).
	Demonstrator, W. M. SHORTT, M.Sc. (Manchester).
<i>Medical Zoology</i> ... ..	Senior Lecturer, F. J. BROWN, M.Sc. (Birmingham).
	Lecturers,
<i>Public Health Administration</i> ... ..	J. J. BUTTERWORTH, M.D., D.P.H. (Manchester).
	E. H. WALKER, M.B., Ch.B., D.P.H. (Manchester).
<i>Epidemiology</i> ... ..	Lecturer, Professor H. B. MAITLAND.
<i>Factory Hygiene</i> ... ..	Lecturer, W. D. HOOD, M.B., Ch.B. (Glasgow), D.P.H.
	(Manchester).
<i>Vital Statistics</i> ... ..	Lecturer, E. H. SCHOLEFIELD, M.B., Ch.B. (Oxford),
	M.R.C.S., L.R.C.P., D.P.H. (Manchester).
<i>Sanitary Engineering</i> ... ..	Lecturer, G. S. COLEMAN, D.Sc. (Eng.) (London),
	Assoc. M.Inst. C.E., Assoc. M.Inst. Mun. and Cy.E.,
	F.R.San.I.
<i>Honorary Lecturer in Veterinary</i>	
<i>Hygiene</i> ... ..	WILLIAM WOODS, F.R.C.V.S. (England).

## ROUTINE SECTION

<i>Assistant Director</i> ... ..	R. W. FAIRBROTHER, M.D. (Manchester), M.R.C.P.
	DORIS A. BARDSLEY, M.Sc. (Manchester).
<i>Assistant Bacteriologist</i> ... ..	LUCY MADDOCKS, M.B., Ch.B. (Manchester).
	A. L. P. PEENEY, M.R.C.S., L.R.C.P.

The Public Health Laboratory was originally organised in 1892 by the newly-appointed Professor of Pathology at Owens College for the purpose of assisting the Public Health authorities and the medical men in Manchester and adjoining districts in the work of prevention of disease. It was the first of its kind instituted in Great Britain.

With the sanction and approval of the Council this work was at first conducted independently by the Professor of Pathology in the Medical School buildings. This innovation, which was found useful by the authorities and by the students who came to prepare for the Diploma in Public Health and other qualifications, proved successful in every respect.

In 1902, the Council gave full official recognition to the conduct of investigation for Public Authorities, and it became



necessary to provide better accommodation for teaching, research, and investigation. A special department of Public Health was, therefore, instituted by the Council of the Owens College with Pathological, Bacteriological, and Chemical Laboratories at Stanley Grove.

The erection of the new Infirmary necessitated the removal of the Laboratory to its present site, where entirely new buildings were erected in 1904, on plans prepared by the Director.

In 1927 the dual object of the laboratory, which represents the Department of Bacteriology and Preventive Medicine in the University, was further indicated by organising the department into two sections. The routine section which undertakes bacteriological and chemical examinations for public health authorities and others has been accommodated in new laboratories in Whitworth House on the existing site, where facilities for research in addition to routine work are available.

The academic section is devoted chiefly to teaching and research. Three post-graduate courses, viz. those leading to the Diploma in Public Health, the Diploma in Veterinary State Medicine, and the Diploma in Bacteriology, and two undergraduate courses in Bacteriology, one for medical students and one for honours B.Sc. (Chemistry) students are given. Special research students are also accommodated.

By arrangement with the Corporation of Manchester the City Analyst is provided with laboratories in the department.

The department contains a comprehensive library relating to Bacteriology and Preventive Medicine, and a museum devoted to Comparative Pathology, Bacteriology, and Preventive Medicine.

### **Regional Investigation Section of the Faculty of Commerce and Administration.**

**SUPERVISOR :** JOHN JEWKES, M.Com. (Manchester).

**RESEARCH ASSISTANTS :**

ALLAN WINTERBOTTOM, LL.M., M.A. (Com.) (Manchester).

D. N. CHESTER, M.A. (Admin.) (Manchester).

C. T. SAUNDERS, B.A. (Oxford).

E. M. GRAY, M.A. (Com.), B.Sc.Tech. (Manchester).

This section is concerned with research into current economic and social problems especially as they relate to Lancashire. In its work all the members of the Economics staff of the University co-operate and assistance is also received from individual members of the staff of other departments. The section offers facilities for the training of advanced students in realistic research.

## The University Meteorological Observatories.

WHITWORTH PARK.

(ESTABLISHED 1892.)

Whitworth Observer : H. E. MARTIN, M.Sc., M.D.

Observations of the temperature, wind, sunshine, rainfall, etc., are taken twice daily, and form the basis for reports to the Manchester daily papers and to the Meteorological Office in London.

Enquiries regarding observations should be addressed to the Whitworth Observer, Physics Laboratory, The University, Manchester, 13.

HOWARD ESTATE.

For details of this Observatory, see the *Calendar* for 1931-32, page 363.

## The Manchester University Press, 1933-1934.

CHAIRMAN :

Professor TAIT.

SECRETARY :

H. M. McKECHNIE, M.A.

The Manchester University Press was established in 1902, and is controlled by a Committee of the Council, whose Chairman is Professor Tait, and whose Secretary is Mr. H. M. McKechnie. The object of the Press is to publish works of learning and research in all branches of knowledge, especially those written by the graduates, teachers, and other members of the University, but more general publishing is also undertaken. All official Calendars, Prospectuses, etc., of the University are now issued by it. Applications from authors desirous of submitting their works to the Press Committee for consideration should be addressed to the Secretary, Mr. H. M. McKechnie, at the Office of the Press, 23, Lime Grove. Any further information can be obtained from him.

Since its establishment the Press has published about 400 volumes, including a number of lectures and pamphlets. In addition it also acts as publisher for the works issued by The Chetham Society, The John Rylands Library, the Manchester Museum, The British Society of Franciscan Studies, and The American Society for Archæological Research in Asia Minor. All works issued by the Press are published by the Committee at the office in Lime Grove, where the whole work of producing and distributing the books is centralised.

The following books were issued during the session 1932-33 :

*The University Pocket Diary*, 1932-33.

*The University Calendar*, 1932-33.

*The French Quarterly* (continuation).

*The Manchester School*. Vol. 3, part II. ; Vol. 4, part I.

Decima L. Douie. *The Nature and Effect of the Heresy of the Fraticelli*.

T. F. Tout. *Chapters in the Administrative History of Medieval England*, Vol. VI., with an Index to the Complete Work by Mabel H. Mills.

R. F. Treharne. *The Baronial Plan of Reform*, 1258-1263.

T. F. Tout. *The Collected Papers of*, Vol. I. *consisting of Miscellaneous Papers chiefly on the Study of History and the University of Manchester*.

John Jewkes and Allan Winterbottom. *An Industrial Survey of Cumberland and Furness : A study of the Social Implications of Economic Dislocation*.

F. C. Burkitt, H. E. Goad, and A. G. Little. *Franciscan Essays*, Vol. II. (British Society of Franciscan Studies.)

*Journal of the Manchester Egyptian and Oriental Society*, No. XVII.

S. Alexander. *Spinoza*.

N. Kemp Smith. *John Locke* (1632-1704) (The Adamson Lecture).

J. L. Stocks. *Jeremy Bentham* (1748-1832).

#### RYLANDS LIBRARY PUBLICATIONS.

*The Library Bulletin* (continuation).

C. H. Dodd. *The Gospel Parables*.  
*The Mind of Paul*.

H. J. Fleure. *An Early Chapter on the Story of Homo Sapiens*.

E. F. Jacob. *Two Lives of Archbishop Chichele with an Appendix containing an Early Book List of All Souls College, Oxford*.

T. Murgatroyd. *List of Current Periodical Publications including Transactions of Learned Societies in the Library*.

E. Margaret Thompson. *A Fragment of a Witham Charterhouse Chronicle and Adam of Dryburgh, Premonstratensian and Carthusian of Witham*.

R. S. Conway. *The Etruscan Influence on Roman Religion*.  
*From Orpheus to Cicero*.

H. B. Charlton. *The Taming of the Shrew*.  
*A Midsummer Night's Dream*.

M. Tyson and H. Guppy. *The French Journals of Mrs. Thrale and Dr. Johnson.*

*Ratseis Ghost, or the Second Part of his Madde Prankes and Robberies* (1605). Reproduced in facsimile from the copy Preserved in the Library. With an Introduction by H. B. Charlton.

### Ward Bequest.

This Fund was established in 1924 by a bequest of £1,000 received by the University under the will of the late Sir Adolphus William Ward, formerly Principal of Owens College, and Vice-Chancellor of the University.

1. The income of the Bequest is devoted to the advancement of research in (a) History, and (b) English, in alternate years.

2. The administration of the Bequest is entrusted to a Committee, consisting of the Vice-Chancellor and the Professors of History and English.

3. The income is normally devoted towards the publication of works of Scholarship by the University Press, such works to bear the imprint of the "Ward Bequest."

4. Any accumulations resulting from non-award or from other causes in any year are added to the amount available for expenditure in the following year but one.

The following volumes have been published under the imprint of the Ward Bequest:

1926. J. H. Frere's *The Monks and the Giants*, edited, with notes and an introduction on the Italian Medley Poets and their English imitators, including Byron, by R. D. Waller, M.A.

1929. *The Chancery under Edward III.*, by B. Wilkinson, M.A., Ph.D.

1930. *Alliterative Poetry in Middle English. The Dialectal and Metrical Survey.* By J. P. Oakden, M.A., Ph.D.

1931. *Philosophical Poems of Henry More.* Edited by Geoffrey Bullough, M.A.

1932. *The Rossetti Family, 1824—1854.* By R. D. Waller, M.A.

1932. *The Baronial Plan of Reform, 1258—1263.* By R. F. Treharne, M.A., Ph.D.

### **Privileges conferred on other Institutions.**

1. Institutions may be admitted to affiliation after report by the Senate on the following conditions :

- (a) The Senate shall satisfy itself that the Institution has obtained a satisfactory standard of educational efficiency for the purposes for which affiliation is sought, and is established on a permanent basis.
- (b) That the majority of the regular students in such Institution are of the age of 16 years at least.
- (c) Provision shall be made for the representation of the University on the body determining the annual plan of study of the Institution recognised.

2. A student of an affiliated Institution shall be exempted from attendance on such portion or portions of the regular course of study in the University as the Senate may approve, provided that

- (a) He has attended at the recognised Institution a course of study approved by the Senate and extending over at least two years, unless for special reasons and on the recommendation of the Council the Court of the University shall reduce this period to one year in any individual case.
- (b) Before the commencement of the course of study at the recognised Institution the student shall have attained the age of 17 years.
- (c) At least one year of study at the recognised Institution shall be taken subsequent to the passing of the Matriculation Examination by the student, or such other examination as may be approved by the Joint Matriculation Board as exempting from the Matriculation Examination.
- (d) In no case shall a degree be conferred upon any person who has not attended in the University during two years at least the courses of study recognised for such degree.

3. The University shall inspect from time to time the buildings and equipment for teaching provided in any such Institution, and shall satisfy itself as to the qualifications of any teachers therein appointed to conduct the courses offered in place of University courses.

4. The Council, after a report from the Senate, shall be entitled at any time to withdraw any privileges which may have been granted to any Institution under these ordinances, and to remove the said Institution from affiliation.

### **Institutions admitted to Affiliation.**

Harris Institute, Preston.

Camborne School of Metalliferous Mining.

## **Acceptance of Degrees, &c., of other Universities.**

1. Subject to the provisions of § II. (8) and (10) of the Charter, the Council has power to allow members of any University of the United Kingdom, in which residence is required as a condition of Graduation, after Matriculation at this University, and presentation of certificate of conduct satisfactory to the Council, to count such periods of residence passed by them at such other University as equivalent to periods of residence at this University.

2. Undergraduates of other Universities who have been admitted, under this ordinance, as members of this University will be allowed to count examinations passed by them at such other University as equivalent to such portions of the Matriculation and Intermediate Examinations of this University as the Council or Joint Matriculation Board may from time to time respectively determine.

## **Civil Service Appointments.**

The detailed regulations concerning the examinations for entrance to the various branches of the Civil Service (Indian, Home, Colonial, Inland Revenue, etc.) are liable to alteration from year to year, and in every case the latest issue of the respective syllabuses should be consulted. It is essential that, before beginning a course of preparation, all candidates should make themselves thoroughly acquainted with the conditions under which examinations are held and appointments made in the department which they wish to enter. Students intending to enter for any of the branches of the Civil Service, or desiring any information with respect thereto, are invited to consult Dr. J. E. MYERS, the Supervisor for Civil Service Students, on Mondays, Wednesdays, and Fridays, between 10-30 a.m. and 12-30 p.m., or by appointment.

## **Extra-Mural Department.**

The Extra-Mural Department of the University organises the University Extension Courses, Special Evening Courses, and Public Lectures in the University and at other Centres. The University Joint Committee for Tutorial Classes is responsible for the organisation of Tutorial and Preparatory Classes and of Summer Schools in conjunction with the Workers' Educational Association.

For information as to the Extra-Mural work of the University, application should be made to the Director of Extra-Mural Studies.

### Public Lectures.

Particulars of the Ludwig Mond, the Adamson, the Warburton, and other public lectures, and the Sir Samuel Hall Oration, will be announced during the session.

### Tutorial Classes for Workpeople.

A scheme of regular courses of instruction for workpeople has been established under the direction of a joint committee, consisting of representatives of workers' organisations and of the University. The work is carried on in connection with the Workers' Educational Association. Mr. Eli Bibby, the Secretary of the North-Western District of the Association, 292, Oxford Road, Manchester, acts as one of the Secretaries for the Tutorial Classes Joint Committee. Last session 47 Tutorial Classes and 20 Preparatory classes, and 1 Terminal Course were arranged in the subjects of Economics and Economic History, Modern History, Contemporary History, Social History, Philosophy, Social Philosophy, and Economic Thought, Political Philosophy, Psychology, Literature, New Testament History and Literature, Law and International Relations, Social Legislation, The Growth of Civilisation, Sociology and Citizenship, Public Administration, Industrial and Commercial Organisation, Geography, Appreciation of Music, Greek and Roman Life and Literature, and Biology and Physiology.

Students who have completed a course of instruction in a Tutorial Class and wish to undertake further investigations will receive advice from the Class Tutors.

*Full details of the scheme are given in the special Prospectus, which may be obtained at the University.*

### Courses in Social Study.

Full information concerning the Diploma in Social Study is given in a pamphlet which may be obtained on application to the Registrar. The University ordinances and regulations for the Diploma will be found on page 632.

### The Matriculation Examination.

1. Candidates for degrees in all the Faculties of the University are required to have passed the Matriculation Examination or to have been granted exemption therefrom.

2. The Universities of Manchester, Liverpool, Leeds, Sheffield, and Birmingham, in accordance with the clauses in their charters, co-operate by means of a Joint Board in conducting and controlling the Matriculation Examination.

3. The examination is held twice in each calendar year in each University, in July and September, and in July the examination will also be held in other centres authorised by the Board.

4. The fee for admission to any Matriculation Examination is £2. A candidate who has failed in the July examination in any year will be required to pay for admission to the September examination in the same year the full fee of £2. The full number of subjects must be presented by a candidate on each occasion.

An alternative examination has been arranged for persons of mature age, and there is also an examination for persons who have been engaged in Industry.

Full details of the Matriculation Examination, the alternative examinations, the Award of School Certificates and Higher School Certificates, and particulars as to exemptions granted to holders of certificates of other examining bodies are contained in the Syllabuses of the Joint Matriculation Board. All correspondence should be addressed to the Secretary, 315, Oxford Road, Manchester, 13.

The Examination Papers of the Joint Matriculation Board are published by J. E. Cornish Ltd., 1, Ridgetfield, Manchester, 2.

### Entrance Examination (for Certificate Candidates).

Candidates before entering upon a course leading to a Certificate are required to pass an Entrance Examination in the following subjects :

- (i.) Mathematics. (Arithmetic, Elementary Geometry, Algebra, up to and including quadratic equations.)
- (ii.) An English Essay.
- (iii.) General knowledge (including questions in English literature and language, which shall not be compulsory).
- (iv.) Another approved language, which ordinarily would be French, or German. Translation at sight of easy passages into English; *either* the translation of easy English passages into the foreign language, *or* a short essay written in the foreign language.

Candidates taking the examination with a view to entering upon a course for the Certificate in Technology will also be required to satisfy the Examiners in

- (v.) Mechanics, Physics, and Chemistry.

An additional subject or subjects may also be required by the various Faculties from students seeking admission to courses within the Faculties.\*

\* For such requirements, if any, see pages 333—335 and the Prospectus of the Faculty concerned.



The examination is held in July and October. Applications should be made to the Registrar, on forms which will be supplied, before June 30th and September 28th respectively. The fee for admission is £2. 2s., but a candidate who has failed in the July examination will be admitted to the October examination of the same year at a fee of £1. 1s.

Candidates who propose a foreign language other than French or German must make application for the acceptance of such language, and pay the fees for the examination, not later than June 15th and September 21st respectively. In the case of a language not taught in the University, an extra fee of £1. 1s., in addition to the normal fee for the Entrance Examination, will be charged for each examination.

Candidates who have passed the Matriculation Examination of the Joint Matriculation Board are exempt from the Entrance Examination.

In lieu of this special examination candidates may offer a certificate of having passed any public examination of adequate standard as exempting from the whole or any part of the above Entrance Examination. Application for such exemption with full particulars should be made to the Registrar, not later than September 15th.

## **Entrance Scholarships.**

A number of Entrance Scholarships and Exhibitions will be offered for competition in May, 1933, under the revised regulations set out on pages 702—735.

Candidates should take note that the regulations of many of the Entrance Scholarships and Exhibitions have been substantially altered, and that all candidates are now required to write an English Essay.

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## Faculties of the University.

### GENERAL NOTES.

**(1) As to theses :**

No degree shall be granted on a thesis or published work which has already been submitted in support of an application for a degree in any other University.

**(2) As to graduation in more than one Faculty :**

Candidates who have graduated as Bachelor in one Faculty of the University shall not be eligible to graduate as Bachelor under the regulations of another Faculty unless the total period of approved attendances in the University is not less than five years.

### Degree of Doctor of Philosophy.

See general note as to theses, above.

1. The degree of Doctor of Philosophy (Ph.D.) may be **Ordinances** conferred on persons who, having fulfilled the provisions for attendance required from candidates, have graduated (or have passed the Final Examination for a degree) in this or any other approved University.

2. A candidate for the degree of Doctor of Philosophy must be able to produce satisfactory evidence of having been engaged in research or advanced study for a period of at least one year subsequent to the above-mentioned graduation, and must pursue a course of advanced study or research in the University for at least two years, provided that after the first year of the course a candidate may be permitted to devote such periods as may be deemed desirable by the University to research elsewhere under conditions approved by the University.

*Note.*—Intending candidates who have not complied with the above Ordinance will be required to undertake or complete at least one year's preliminary training in research or advanced study before admission to the Ph.D. course, but in special circumstances this period may, with the permission of the Executive Committee, be reduced.

3. Before the commencement of the course of advanced study and research the candidate shall

- (a) have fulfilled the conditions laid down in Clause 1 ;
- (b) have applied to the University for recognition ;
- (c) have given satisfactory evidence to the University of adequate training and ability to pursue the proposed course ;
- (d) have registered as a University student and paid the prescribed fees.

**Ordinance.** 4. A candidate, in addition to completing the course of advanced study or research, must present a satisfactory thesis, or published work, embodying the results of his research, and must satisfy the Examiners in an oral examination on the subject of the thesis and in matters relevant thereto. A candidate may also be required to satisfy the Examiners in a written or other examination.

**Regulations** 1. Before entering upon the course a candidate must send in an application upon a prescribed form in time to reach the Registrar not later than September 1st. The application must give particulars of the educational career and qualifications of the candidate, as well as the subject of the advanced study or research.

**NOTE.**—A candidate is strongly advised to consult the teachers in the subjects he proposes to study before making formal application to the Registrar.

2. At the beginning of each year of his course the candidate shall submit his proposed course of study for approval.

3. A candidate may be required to take special courses of instruction in departments other than the one mainly concerned with the course, as well as in the subject in which he proposes to pursue advanced study or research.

4. A candidate is not allowed to undertake work which, in the opinion of the Executive Committee, is likely to interfere with his Ph.D. course, or to restrict the freedom of publication of results, and is therefore required to report to the Committee any outside work which he proposes to undertake.

5. A candidate must apply in writing to the Registrar not later than June 1st in the first year of the course, if he desires to spend a part of the remainder of the course at some other approved Institution, and must state the Institution to which he proposes to proceed and the facilities such Institution offers for his work. The period of study at the University shall in no case be less than one academic year.

6. A candidate who wishes to submit himself for examination must give notice to the Registrar and pay the required fee to the Bureau, and, within one month after the date of notice, must submit at least two copies of his thesis (accompanied by a short abstract) for the approval of the University. The copies of the thesis will be retained by the University.

If the candidate wishes to be presented for the degree at the end of the current academic year, the notice, aforesaid, must be given before April 1st.

A candidate will not be permitted to submit as his thesis a Regulation: thesis for which a degree has been conferred upon him in this or any other University, but he shall not be precluded from incorporating any part of the work already submitted with a view to a degree for which he has been a successful candidate, provided that in his entry-form and in the thesis he indicates the part of the work so incorporated.

7. The following fees shall be charged to candidates :

- (a) Registration Fee on admission to course (for others than graduates of this University) ... £5 0 0
- (b) Fee for supervision and tuition :
- |                              |                      |
|------------------------------|----------------------|
| Faculty of Science ... ..    | £12 12 0 to £17 17 0 |
| according to subject taken.  | per session.         |
| Faculty of Technology ... .. | £12 12 0             |
|                              | per session.         |
| Other Faculties ... ..       | £9 9 0               |
|                              | per session.         |
- (a deduction being made for each term kept at another approved Institution).
- (c) Fee on application to be examined ... .. £10 0 0
- (d) Fee for each subsequent examination ... .. £10 0 0
- (e) Fee on conferment of degree ... .. £5 0 0

## The Faculty of Arts.

(For Set Books, Periods, and Subjects for Degree Courses in the Faculty of Arts, see page 473.)

1. The degrees in this Faculty are Bachelor of Arts (B.A.), Ordinances Master of Arts (M.A.), and Doctor of Letters (Litt.D.).

### Degree of Bachelor of Arts.\*

2. The degree of Bachelor of Arts shall be conferred either as an ordinary degree or as a degree in Honours.

3. All candidates for the degree of Bachelor of Arts are required to have passed the Matriculation Examination, and to have attended approved courses of study as defined by regulation for a period of not less than three years, all of which shall be subsequent to the date at which the student passes the Matriculation Examination, provided that approved courses for the Matriculation Examination completed previous to October 1st, 1906, may be reckoned as one of the three years of study necessary for graduation.

\* See general note as to graduation (page 399).

- ORDINANCES** 4. Subject to the above conditions, the amount of attendance for candidates for the degree of Bachelor of Arts shall be defined by regulation.

### **• Ordinary Degree of Bachelor of Arts.**

**NOTE.**—The Roman figures in brackets are not part of the ordinance, but are inserted to indicate the class or classes in the Syllabus (see Prospectus of the Faculty of Arts) applicable to the subject.

5. Courses of study for the Ordinary Degree of Bachelor of Arts are of three grades, namely, Intermediate, General, Special.

6. Candidates who have attended any course of study are said to complete it by satisfying the Examiners in the examination upon that course.

7. Each course of study may be separately completed.

8. Save as provided hereinafter candidates for the ordinary degree of Bachelor of Arts are required to attend and complete ten courses, of which

Five must be of Intermediate Grade,

Three must be of General Grade.

One must be of Special Grade and one must be either a second course of Special Grade or a fourth course of General Grade.

9. Candidates who have attended satisfactorily for three years a subject approved for the ordinary degree of Bachelor of Science, and have passed the Intermediate and Final Examinations in this subject, shall be regarded as having attended and completed the equivalent of an Arts subject taken through the Intermediate, General, and Special stages, and another Arts subject taken through either the Intermediate or the General stages. Such candidate must complete a course in a foreign language and in History.

10. Of the subjects for the five Intermediate Courses :

- (a) One must be Mathematics (II.), Logic (Philosophy I. (i.)), or Political Economy (I.), or English Law.
- (b) One must be Ancient History (I.),† or Medieval History (I.), or Modern History (I.).
- (c) One must be Greek (I.), or Latin (I.).

\* This regulation applies only to students commencing their course in or after the session 1921-22. For regulations for students registered prior to the session 1921-22, see the Calendar for 1920-21.

† Ancient History II. (III.), 2 hours, may be substituted for Ancient History (I.).

(d) One must be a modern language chosen from the Ordinances following:—

French (I.).

German (I. (i.) with (ii.) or (iii.); or I. (iv.).)

Spanish (I.).

Russian (I.).

Italian (I.).

Arabic.

Chinese, \*a Celtic language, or any other modern foreign language approved by the Senate. [Hebrew may be taken in this Group, by special permission of the Board of the Faculty.]

(e) The fifth subject may be any one of those named in (a), (b), (c), or (d) which has not been already selected, or any one of the following:—

English (I.).

Hebrew (I.).

The Principles of Music and Acoustics (Harmony, and Physics II. (a)).

Physics (II. and Pract.).

Chemistry (either I. or III. with II. and Lab.).

Geography (I.).

†History of Art (I.).

Students who do not take English as an Intermediate subject under (e) above will be required to take English of General Grade, as one of their General Courses.

Instead of one subject chosen from Group (a) above, students may take Philosophy of General Grade (Philosophy II. (i.)), but they will then be required to take another course of Intermediate Grade to complete their full number of five courses of Intermediate Grade.

11. The subjects of the three Courses of General grade may be any of the following:

i. Greek Language and Literature (II.) or ‡ Hellenistic Greek (II.).

ii. Latin Language and Literature (II.).

iii. French Language and Literature (II.).

\* At present suspended.

† The amendment in italics is subject to confirmation by the Court. Instruction in these courses will be given during the Sessions 1933-34 and 1934-35, but the University does not bind itself to provide such instruction after the Session 1934-35.

‡ For students intending to take Hellenistic Greek III.

## Ordinances

- iv. German Language and Literature (II.).
- v. English Language and Literature (E. Lit. II. A., E. Language II. (i.), or E. Lit. II. B., E. Language II. (i.) and (ii.)).
- vi. Russian Language and Literature (II.).
- vii. Italian Language and Literature (II.).
- viii. Hebrew Language and Literature (II.).
- ix. Arabic Language and Literature (Classical Arabic II.).
- x. Chinese Language and Literature.
- xi.\*Geography (II.).
- xii. One Historical subject as defined by Regulation; or Political Philosophy (Philosophy II. (ii.) ), or Political Economy (II.).
- xiii. Any one of the subjects as defined in (xii.) which has not already been taken under that section.
- xiv. Philosophy (II.).
- xv. (a) The History of Ancient Philosophy (Philosophy III. (ii.) ), or  
(b) The History of Modern Philosophy, or  
(c) Ethics (Philosophy III. (i.) ).
- xvi. Mathematics. III.  $\alpha$  or  $\beta$ .
- xvii.†*History of Art* (II.).
- xviii. Spanish Language and Literature (II.).
- xix.‡*Comparative Religion*.

12. A student may, with the permission of the Professor or Lecturer in charge of the subject concerned, subject to the approval of the Board of the Faculty, substitute for a Special Course a course in an Honours School.

13. The subjects of the Special courses may be any of the following:

- i. Greek Language and Literature (III.), or Greek Testament and Hellenistic Greek (III.).
- ii. Latin Language and Literature (III.).
- iii. French Language and Literature (III.).
- iv. German Language and Literature (III.).

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\* Students registered before October, 1923, may offer Geography (I.)

† Instruction in these courses will be given during the Sessions 1923-24 and 1924-25, but the University does not bind itself to provide such instruction after the Session 1924-25.

‡ The amendments in italics are subject to confirmation by the Court.

## Degree of B.A

- v. English Language and Literature (E. Lit. III. A. with E. ~~Civilisations~~  
Language III. (i.), or III. B. with E. Language III. (ii.).)
- vi. Russian Language and Literature (III.).
- vii. Italian Language and Literature (III.).
- viii. The Language and Literature of one or more Semitic  
Peoples (Hebrew III. or Assyrian III., or Hebrew  
III. (ii.) with either Classical Arabic III., or Aramaic III.).
- ix. Chinese Language and Literature.
- x. History (Ancient History III. (i.) or (ii.), or Modern  
History III.).
- xi. Philosophy (III., (i.), or (ii.), or (iii.).)
- xii. Political Economy (III.) (i.), (Public Economics and  
Finance).
- xiii.\*Geography (III.).
- xiv.†‡*History of Art* (III.).
- xv. Spanish Language and Literature (III.).
- xvi.§Public Administration : Central and Local Government  
(Political Economy, III. (ii.).)

14. A student will be required to complete the Intermediate course in any subject in which an Intermediate course is provided before entering upon a General course in that subject, and to complete a General course in any subject before entering upon a Special course in that subject; provided always that a student may be permitted, on the special recommendation of the Professor or Lecturer in charge of a subject whose class he desires to enter, to commence a General course without having taken the Intermediate course in that subject, but he will still be required to complete the full number of ten courses.

A student, however, who, as a candidate for an Honours degree has been exempted from attendance and examination in one Intermediate subject under Regulation 1 (page 422) shall, with the special permission of the Board of the Faculty, be regarded as having completed the attendance and examination in that subject for the ordinary degree of B.A.

15. Students who have not presented Greek as a subject in any previous examination of the University (including the

\* Students registered before October, 1926, may offer Geography (II.).

† Instruction in these courses will be given during the Sessions 1933-34 and 1934-35, but the University does not bind itself to provide such instruction after the Session 1934-1935.

‡ The amendments in italics are subject to confirmation by the Court.

§ This course may only be taken by students who have completed a course of general grade in *either* History or Political Economy or Political Philosophy.



**Ordinances** Matriculation) may, with the permission of the Board of the Faculty, offer the Intermediate course in Greek in their second year, in place of the General course in Greek, provided that they offer at the same time the General course in Latin; and the same student may subsequently offer the General course in Greek as a fourth General course if it be accompanied by the Special course in Latin.

16. Subject to the above Ordinances, students must, unless with special permission of the Board of the Faculty, group their studies in general conformity with a scheme of approved courses.

**NOTE.**—A leaflet giving details of the scheme may be obtained on personal application to the Dean or the Faculty Tutor.

17. The examinations completing the Intermediate courses for the ordinary degree of Bachelor of Arts are held ordinarily twice in each calendar year.\*

18. The examinations completing the General and Special courses for the ordinary degree of Bachelor of Arts are held ordinarily once in each calendar year,\* and at such additional times as may be prescribed by Regulation.

19. The names of candidates who have completed each course for the ordinary degree shall be published in two divisions.

20. A list, in alphabetical order, of the candidates who have completed all their courses in the Intermediate and General and Special grades respectively shall be published after the end of each examination.

21. The Examiners in any of the examinations completing any of the courses for the ordinary degree of B.A. may take into consideration the class work done during the session by candidates for that examination.

22. It shall also be lawful for the Examiners to examine candidates orally.

23. Candidates for the degree of Bachelor of Arts with Honours who have not been awarded Honours in the examination for the degree of B.A. with Honours for which they have presented themselves, may, if they have in the opinion of the Examiners acquitted themselves sufficiently well in such examination, proceed to the final courses for the ordinary degree without being required to take the intermediate courses; such candidates may also be excused by the Board of the Faculty from any of their Final courses in those subjects in which they have been reported by the Examiners in the Honours School to have acquitted themselves satisfactorily. (See also Ordinances 15 and 16, degree of Bachelor of Arts with Honours, pages 421—422.)

\* For dates of examination, see page 339.

24. Candidates who are Bachelors of Science and who presented Pure and Applied Mathematics at the Final B.Sc. Examination are not allowed to offer a course of General Grade in Mathematics for the B.A. Candidates who are Bachelors of Science and who presented Psychology at the Final B.Sc. Examination are not allowed to present General and Special courses in Philosophy. Ordinances

25. Graduates or persons who have passed the degree examinations of other Universities approved for the purpose are allowed to become candidates for the Bachelor's degree in the Faculty of Arts after a course of study of two years in this University.

The detailed courses of study for the ordinary degree of B.A. are as follows : Regulations

#### INTERMEDIATE COURSES OF STUDY.

1. *Pure Mathematics* :—

- (1) Elementary Solid Geometry including Straight Lines, Planes, and Solid Angles; the simpler properties of the Parallelopiped, Prism, Cone, Cylinder, and Sphere, with the Mensuration of these solids.
- (2) Algebra.
- (3) Plane Trigonometry to Solution of Triangles (inclusive).
- (4) Analytical Geometry of the Straight Line and Circle.

2. *Logic* :—

Deductive and Inductive Logic.

3. *Political Economy* :—

Elements of Political Economy.

4. *English Law* :—

The elements of English Law.

5. *Ancient History* :—

Outlines of Greek and Roman History.

6. *Modern History* :—

Outlines of Mediæval or of Modern History.

7. *Greek* :—

- (1) Translation at sight from Greek into English.
- (2) Greek Grammar, including the translation of simple English sentences into Greek.
- (3) One prose and one verse book, with any literary and grammatical questions arising out of them. Students who intend to take Hellenistic Greek III. may substitute a second prose book for the verse book.

**Regulations 8. Latin :—**

- (1) Translation at sight from Latin into English.
- (2) Latin Grammar, including the translation of English sentences into Latin.
- (3) One prose and one verse book, with any literary and grammatical questions arising out of them.

**9. French :—**

- (1) Translation at sight from French into English.
- (2) Translation of easy English passages into French, with French Grammar.
- (3) Translation from one or more specified books, with any literary and grammatical questions arising out of them.
- (4) Dictation.
- (5) Proficiency in pronunciation, to be tested orally.

**10. German I.(i.) :—**

- (1) Translation at sight from German into English.
- (2) Translation of easy English passages into German, with German Grammar.
- (3) Translation from one or more specified books, with any literary and grammatical questions arising out of them.
- (4) Dictation.
- (5) Proficiency in pronunciation, to be tested orally.

*Intermediate I.(i.)* is open to students who have attained the Matriculation standard in German.

**German I.(ii.) :—**

- (1) Translation at sight of easy German passages of a literary character.
- (2) Translation of easy English passages into German, with German Grammar.
- (3) Translation of specified German texts of a literary character, with any grammatical and literary questions arising out of them.
- (4) Proficiency in pronunciation, to be tested by reading aloud.

*Intermediate I.(ii.)* is open to all students, but especially adapted to students of any Honours School who are beginners in German to enable them to consult German authorities bearing on their own subjects.

11. *Spanish* :—

- (1) Translation at sight from Spanish into English.
- (2) Translation of easy English passages into Spanish, with Spanish Grammar.
- (3) Translation from one or more specified books, with any literary and grammatical questions arising out of them.
- (4) Dictation.
- (5) Proficiency in pronunciation, to be tested orally.

12. *Russian* :—

- (1) Translation at sight from Russian into English.
- (2) Translation of easy English passages into Russian, with Russian Grammar.
- (3) Translation from one or more specified books, with any literary and grammatical questions arising out of them.
- (4) Dictation.
- (5) Proficiency in pronunciation, to be tested orally.

13. *Italian* :—

- (1) Translation at sight from Italian into English.
- (2) Translation of easy English passages into Italian with Italian Grammar.
- (3) Translation from one or more specified books, with any literary and grammatical questions arising out of them.
- (4) Dictation.
- (5) Proficiency in pronunciation, to be tested orally.

14. *Arabic* :—

- (1) Translation at sight from Arabic prose into English.
- (2) Arabic Grammar, including the translation of easy English sentences into Arabic, and pointing.
- (3) Prescribed texts of classical Arabic prose, with and literary or grammatical questions arising out of them.

15. *Hebrew* :—

- (1) Translation at sight from Hebrew into English.
- (2) Hebrew Grammar, including the translation of easy English sentences into Hebrew, and pointing.
- (3) A prescribed text or texts, with any literary or grammatical questions arising out of them.

Regulations 16. *Chinese* :—

- (1) Translation at sight from Chinese into English.
- (2) Translation of easy English passages into Chinese, with Chinese tones.
- (3) Translation from one or more specified books, with any points in construction arising out of them.
- (4) Dictation.
- (5) Proficiency in pronunciation, to be tested orally.

17. \**Celtic* :—

*Either (a) Irish :*

- (1) Old Irish Grammar, including simple translation at sight from Irish into English, and the translation of easy English sentences into Irish.
- (2) Specified Irish texts, with any literary and grammatical questions arising out of them.

*Or (b) Welsh :*

- (1) Middle Welsh Grammar, including simple translation at sight from Middle Welsh into English, and the translation of easy English sentences into Welsh.
- (2) Specified Middle Welsh texts, with any literary and grammatical questions arising out of them.

18. *English* :—

- (1) Composition.
- (2) Specified representative books of English Literature.
- (3) Outlines of the general history of English Literature with specified books.

19. *The Principles of Music and Acoustics* :—

- (1) Forms of consonant and dissonant chords, their effects and progressive tendencies.
- (2) Writing chordal and contrapuntal harmony in four parts.
- 3 Elementary Theory of Acoustics.

20. †*Physics*.21. †*Chemistry*.22. *Geography* :—

Outlines of General and Regional Geography.

23. *History of Art* :—

- (1) History of Art.
- (2) History of Architecture.
- (3) Practical Class.

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\* These classes are at present suspended

† For particulars, see the regulations for the Faculty of Science.

## GENERAL COURSES OF STUDY.

## Regulations

1. *Greek* :—

*Either Greek Language and Literature :—*

- (1) Translation at sight from Greek into English.
- (2) Greek Syntax and translation of simple English prose into Greek.
- (3) One prose book and one verse book with any literary and grammatical questions arising out of them.

*Or Hellenistic Greek (for students who intend to take Hellenistic Greek III.) :—*

- (1) Translation at sight from Hellenistic Greek into English.
- (2) Hellenistic Greek syntax and translation of simple English Prose into Hellenistic Greek.
- (3) Prescribed Hellenistic Greek books with any literary and grammatical questions arising out of them.

2. *Latin* :—

- (1) Translation at sight from Latin into English.
- (2) Latin Syntax and translation of simple English prose into Latin.
- (3) One prose book and one verse book with any literary and grammatical questions arising out of them.

3. *French* :—

- (1) Translation at sight from French into English.
- (2) Translation from English into French.
- (3) Translation from one or more specified books, with any literary and linguistic questions arising out of them.
- (4) A specified period of French Literature.
- (5) Proficiency in pronunciation and conversation, to be tested by an oral examination, the subject of the latter being taken from the prescribed book or period.

4. *German* :—

- (1) Translation at sight from German into English.
- (2) Translation from English into German.
- (3) Translation from one or more specified books, with any literary and linguistic questions arising out of them.
- (4) A specified period of German Literature.
- (5) Proficiency in pronunciation and conversation, to be tested by an oral examination.

5. *English Language and Literature* :—

*Either*

- (1) Phonetics, with special reference to English.
- (2) Study of Old and Middle English Texts, with literary and linguistic questions thereon.

**Regulations** (3) Specified works of at least three authors not earlier than Chaucer.

*Or*

- (1) Phonetics, with special reference to English.
- (2) Specified works of at least three authors not earlier than Chaucer.
- (3) History of a period of English Literature subsequent to 1500.

**6. Russian Language and Literature :—**

- (1) Translation at sight from Russian into English.
- (2) Translation from English into Russian.
- (3) Translation from one or more specified books, with any literary and linguistic questions arising out of them.
- (4) A specified period of Russian Literature.
- (5) An oral examination.

**7. Italian Language and Literature :—**

- (1) Translation at sight from Italian into English.
- (2) Translation from English into Italian.
- (3) Translation from one or more specified books, with any literary, linguistic, and historical questions arising out of them.
- (4) A specified period of Italian Literature to be studied in relation with the political and social history of the epoch.
- (5) Proficiency in pronunciation and conversation, to be tested by an oral examination, the subject of the latter being taken from the prescribed books or period.

**8. Hebrew Language and Literature :—**

- (1) Translation at sight from Hebrew into English.
- (2) Hebrew Syntax and translation from English into Hebrew, and pointing.
- (3) Prescribed Texts.
- (4) A prescribed period of history, political and literary.

**9. Arabic Language and Literature :—**

*Either a* Classical Arabic :

- (1) Translation at sight of Arabic prose into English.
- (2) Arabic Syntax and translation from English into Arabic, and pointing.
- (3) Prescribed texts.
- (4) A prescribed period of history, political and literary.

*Or b* Modern Arabic :

- (1) Translation at sight from Arabic, Written and Colloquial, into English.

- (2) Arabic Grammar and translation from English into Regulations Arabic, Written and Colloquial.
- (3) Prescribed Texts in Written and Colloquial Arabic.
- (4) A prescribed period of history, political and literary.
- (5) Proficiency in pronunciation and conversation, to be tested orally, the subject of conversation being taken from the prescribed texts.

10. *Chinese* :—

- (1) Translation at sight from Chinese into English.
- (2) Translation from English into Chinese.
- (3) Translation from one or more specified books, with any literary and linguistic questions arising out of them.
- (4) Specified period or subject in Chinese Literature.
- (5) Proficiency in pronunciation and conversation, to be tested by an oral examination.

11. *Geography* :—

Regional Geography of the Lands of the North Atlantic Basin, with special reference to the British Isles.

12 and 13. *History, Politics* :—

Any one of the following will be counted as constituting a General course :—

- (a) Oriental History (Ancient History II. (i.) ).
- (b) Greek History (Ancient History II. (ii.) ).
- (c) Roman History (Ancient History II. (iii.) ).
- (d) Mediæval English History (Mediæval History II.).
- (e) Modern English History (Modern History II. (ii.) ).
- (f) General Modern History (Modern History II. (i.) ).
- (g) Ecclesiastical History (Ecclesiastical History II. (i.) or II. (ii.) ).
- (h) Economic History (Economic History II.).
- (j) Political Philosophy (Philosophy II. (ii.) ).
- (k) Political Economy (II.).

14 and 15. *Philosophy* :—

One, or two, of the following :—

- (a) Philosophy.
  - (1) The Elements of Psychology.
  - (2) The Outlines of General Philosophy studied in connection with a prescribed book or books.



**Regulations** (b) Ethics.

The elements of Ethics with a prescribed book or books.

(c) *Either* (i.) The History of Ancient Philosophy.

From the beginning down to and including Aristotle, with a special book or books.

*Or* (ii.) The History of Modern Philosophy.

From the Renaissance down to and including Kant, with a special book or books.

16. *Pure Mathematics* :—

(1) The elements of Projective and Plane Co-ordinate Geometry.

(2) The simpler portions of the Differential and Integral Calculus.

*Applied Mathematics* :—

(1) Statics of a Particle and of a rigid body (exclusive of Attractions).

(2) Hydrostatics.

(3) Kinetics of a Particle and of a Rigid Body (elementary).

17. *The History of Art* :—

(1) History of the painting and sculpture of the prescribed period.

(2) History of the architecture of the prescribed period.

(3) Practical Class.

18. *Contrapuntal Harmony* :—

(1) Analysis of prescribed musical works.

(2) Writing chordal and contrapuntal harmony in four parts, for voices and instruments.

19. *Spanish Language and Literature* :—

(1) Translation at sight from Spanish into English.

(2) Translation from English into Spanish.

(3) Translation from one or more specified books, with any literary, linguistic, and historical questions arising out of them.

(4) A specified period of Spanish Literature.

(5) Proficiency in pronunciation and conversation, to be tested by an oral examination, the subject of the latter to be taken from the prescribed books or period.

20. *Comparative Religion* :—

- (1) Evolution of religions. (1 hour.)
- (2) *Either* (a) Introduction to the Philosophy of Religion *or* (b) Psychology of Religion. (1 hour.)
- (3) One of the following courses to be chosen from those prescribed from year to year. (1 hour.)
  - (a) Greek religion.
  - (b) Roman religion.
  - (c) Babylonian and Assyrian religion.
  - (d) Egyptian religion.
  - (e) Judaism.
  - (f) Islam.
  - (g) Hinduism and Indian Buddhism.

Except with the permission of the Faculty, a student shall not proceed to courses 2 (a) and 2 (b) without having taken an appropriate course of General grade in Philosophy.

Course 1, which is an introduction, should normally be taken in the student's second year, courses 2 and 3 in the third year. The subject selected under 3 should correspond as far as possible with the student's previous training.

## SPECIAL COURSES OF STUDY.

1. *Classical Greek* :—

- (1) Translation of unprepared Greek into English.
- (2) Translation of English prose of moderate difficulty into Greek.
- (3) Prose and verse books, with any historical, literary, and grammatical questions arising out of them.
- (4) Outlines of the history of Greek literature.

2. *Hellenistic Greek* :—

- (1) Translation of unprepared Hellenistic Greek into English.
- (2) Translation of English prose of moderate difficulty into Hellenistic Greek.
- (3) Hellenistic Texts, literary and vernacular, with any historical and grammatical questions arising out of them.
- (4) Hellenistic Grammar, especially in its relation to Classical Greek.

3. *Latin* :—

- (1) Translation of unprepared Latin into English.
- (2) Translation of English prose of moderate difficulty into Latin.

- Regulations** (3) Prose and verse books, with any historical, literary, and grammatical questions arising out of them. Students will be expected to acquire a knowledge of the chief metres used by Latin poets of the classical period, and some acquaintance with the chief characteristics of Latin literature.

**4. French :—**

- (1) Translation at sight from French into English.
- (2) Translation from English into French.
- (3) Translation from prescribed French books, with literary and linguistic questions arising out of them.
- (4) Original prose composition with the elements of French versification.
- (5) A period of French literature.
- (6) Proficiency in conversation, to be tested by an oral examination.

**5. German :—**

- (1) Translation at sight from German into English.
- (2) Translation from English into German.
- (3) Translation from prescribed books of later date than 1350, with literary and linguistic questions arising out of them.
- (4) Outlines of the history of the German literature, with a specified period subsequent to 1350.
- (5) Proficiency in pronunciation and conversation, to be tested by an oral examination.

**6. English Language and Literature :—**

*Either*

- (1) Study of Old and Middle English Texts, with literary and linguistic questions arising therefrom.
- (2) Translation from Old and Middle English Texts at sight.
- (3) *Either* a specified period of English Literature subsequent to 1500 with specified books, *or* the Life and Works of a specified author.

*Or*

- 1 History of English Language.
- 2 *Either* a specified period of English Literature subsequent to 1500 with specified books, *or* the Life and Works of a specified author.

7. *Russian* :—

- (1) Translation at sight from Russian into English and from English into Russian.
- (2) Original prose composition in Russian.
- (3) Translation from prescribed Russian books, with literary and linguistic questions arising out of them.
- (4) Outlines of the history of Russian literature studied in connection with the political and social history, together with a special period of the literature.
- (5) An oral examination.

8. *Italian* :—

- (1) Translation at sight from Italian into English, and English into Italian.
- (2) Translation from prescribed books with literary, linguistic, and historical questions arising out of them.
- (3) Original prose composition.
- (4) A period of Italian Literature studied in connection with political and social History.
- (5) An oral examination.

9. *Semitic* :—

- (1) Translation at sight from Hebrew or Assyrian into English.
- (2) Translation from English into Hebrew or Assyrian, with pointing (Hebrew).
- (3) *Either* (a) Prescribed Hebrew or Assyrian texts.

*Or*

- (b) A modified Hebrew course, with fewer prescribed texts, in combination with the elements of a second approved Semitic language (Arabic or Aramaic) with prescribed texts.
- (4) A prescribed period of History, political and literary.

10. *Philosophy* :—

Any one of the following subjects not already taken at the General Stage :

- (1) History of Greek Philosophy with set books.
- (2) History of Modern Philosophy with set books.
- (3) Ethics.
- (4) Experimental Psychology and Laboratory work as for B.Sc.

**Regulations 11. Political Economy :—**

- (1) A special subject in Political Economy not already taken as a General subject.
- (2) A special period of Economic History not already taken as a General subject.
- (3) A special subject in Economic History.

**12. History :—**

A period of Ancient or Modern History, other than that taken by the candidate for his General course, with a special study of some prescribed books and original sources.

**13. Geography :—**

- (a) Physical Geology and Geography.
- (b) Cartography and Field Work.
- (c) The Geography of a special region.

**14. History of Art :—**

Special study of some monument or monuments or group of objects prescribed.

**15. Spanish Language and Literature :—**

- (1) Translation at sight from English into Spanish and from Spanish into English.
- (2) Original prose composition in Spanish.
- (3) Translation from prescribed books, with any literary, linguistic, and historical questions arising out of them.
- (4) A specified period of Spanish Literature.
- (5) Proficiency in pronunciation and conversation, to be tested by an oral examination.

**AS TO ATTENDANCE.**

Candidates presenting themselves for an Intermediate or Final Examination for the first time will be required to furnish satisfactory certificates of attendance upon the corresponding course.

Candidates who have, with the permission of the Professor or Lecturer, attended a more advanced course in lieu of a course approved for any stage of a University degree will be regarded as having complied with the University requirements, and the certificate of such attendance will be deemed satisfactory.

**Degree of Bachelor of Arts with Honours.**

1. Candidates for the degree of Bachelor of Arts with Honours <sup>(Ordinances)</sup> are, save as hereinafter provided, required to have passed the Matriculation Examination, and subsequently to have attended courses of instruction approved by the Board of the Faculty extending over not less than three academic years in one of the Honours Schools hereinafter enumerated, except that in the Honours School of Philosophy the minimum period of attendance shall be not less than two academic years.\* Provided that, under Regulations approved by the Senate and Council, the Board of the Faculty may allow students in any Honours School of modern foreign language or literature, to attend approved courses at a foreign University, or similar place of learning, in lieu of one term's attendance at the University.

2. With the consent of the Board of the Faculty, candidates for the ordinary degree or day students for a degree in the Faculty of Commerce and Administration, who, not later than the beginning of their second year of study after matriculation, are specially recommended as fit candidates for Honours by the Professors or Lecturers of any Honours School may, after two years of subsequent attendance upon the Honours course, proceed to the Honours Examination in that school.

3. The Honours Schools examinations are held once in each academic year, and at such additional times as may be prescribed by regulation.

4. Any Honours Examination may be divided into two parts, which may be held in different years, provided that the first part of any Honours Examination be not held before the end of the second year of study.

5. Save as in hereinafter provided, every candidate for the degree of Bachelor of Arts with Honours, except students in the Honours Schools of Philosophy and Architecture, is required to present himself for examination at the end of the third or fourth academic year from the time when he has entered upon the course of instruction for such degree, unless he shall present a medical certificate of illness satisfactory to the Board of the Faculty. Candidates desiring to present themselves in their fourth academic year are required to give notice to the Registrar before January 31st of the third academic year as to the date at which they intend to present themselves. Candidates for the degree of B.A. in Philosophy shall not present themselves

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\* The intermediate B.A. is accepted instead of the first year's attendance in an Honours School, provided that the subjects chosen and the course attended by the candidate are substantially and to the satisfaction of the Senate those required for the first year's course of the Honours School.

**Ordinances** for their Final Examination before the end of the second year or later than the end of the third academic year after their admission to the Honours School of Philosophy. Candidates for the degree of B.A. in Architecture shall not present themselves for their Final Examination before the end of the fifth or later than the end of the sixth academic year, except in the case of the examination in Design, which may be taken at the end of the fifth or any subsequent year.

6. No candidate for the degree of B.A. with Honours shall be admitted more than once to examination in the same Honours School, provided that this shall not apply to the Examinations in Design in the Honours School of Architecture, nor to the case contemplated in Ordinance 7 below.

7. A candidate in any Honours School prevented by ill-health or accident from beginning or completing his examination may, by special permission of the Board of the Faculty, become a candidate at a subsequent Honours Examination.

8. In awarding scholarships and prizes on an Honours Examination, candidates who present themselves for it at the end of their third year of study shall, if they attain the standard required for such distinctions, have a prior claim to election over candidates of senior standing, provided that in the case of great superiority of merit the latter be not disqualified.

9. Candidates for the degree of Bachelor of Arts in Honours may present themselves in any of the following Honours Schools :

- i. Greek.
- ii. Latin.
- iii. Classics.
- iv. History.
- v. English Language and Literature.
- vi. French Studies.
- vii. German Language and Literature.
- viii. Philosophy.
- ix. Architecture.
- x. Economics, Politics, and Modern History.
- xi. Oriental Studies.
- xii.\*Celtic Studies.
- xiii. Russian Language and Literature.
- xiv. Italian Studies.

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\*No provision is at present available for the necessary instruction in this School.

- xv. Geography.
- xvi. Spanish Studies.
- xvii. Composite Honours Schools :
  - (a) Greek and English.

10. Candidates who have completed all the courses for the Ordinary degree of Bachelor of Arts may, with the permission of the Board of the Faculty, present themselves, not later than two years after completing those courses, for examination in any Honours School, provided that during the interval they have attended such part of the course of study in that school as shall have been approved for them by the Board of the Faculty.

11. Students who have completed all the courses required for the B.A. Degree with Honours in any school may be admitted to examination in a second Honours School after the expiration of not more than two years from their admission to the first, provided that during that period they have attended such part of the course of study in that school as shall have been approved for them by the Board of the Faculty.

12. The names of those who have completed the course of study in any Honours School by passing the whole examination of that School shall be drawn up in three classes, and each class shall be arranged in alphabetical order. The Examiners shall have power to divide the Second Class into two divisions.

13. The Examiners, in drawing up the Honours lists, may take into consideration the class work of candidates during their Honours course and also any thesis, written or other original work carried out by candidates during that course.

14. It shall be lawful for the Examiners to examine orally any candidates for an Honours School.

15. A candidate for the degree of Bachelor of Arts in any Honours School who has failed in the University examination may be recommended to the Board of the Faculty of Arts for the ordinary degree by the Examiners in that school on the ground of ill-health, and may be awarded the ordinary degree, provided the record of his work during his course of study has, in the opinion of the Board of the Faculty, been satisfactory.

16. Students who, at the end of their second year of residence, have completed all the Intermediate courses required for an Honours School and have passed the Preliminary or Part I. Examination of that School may be allowed to proceed to the Ordinary Degree of B.A. at the end of a further year's residence



**Ordinances** if they have pursued such courses of study and satisfied such requirements of examination as may be approved by the Board of the Faculty in each case : provided that in any case the work involved in such further requirements shall not be less than that of two Special courses.

17. The Board of the Faculty shall have power to recommend for the Ordinary B.A. degree without further attendance any student who, at the end of his third year of residence, has completed all the requirements for admission to the Final Examination of any Honours School, but has failed to reach the standard of a Third Class in that School, provided that he shall satisfy such further conditions as the Board of the Faculty shall in each case determine.

In ordinary cases such candidates shall be required to pass at least two Special Examinations (or their equivalent) in other subjects than those included in their Honours School.

The Board of the Faculty shall also have power to recommend for the ordinary degree, on the reports of the examiners, candidates in any final examination of an Honours School, provided that such candidates have satisfied all existing requirements under Regulation C. of their Honours School.

18. A candidate who has satisfied the Examiners in the Honours School of Greek, Latin, English, French, German, Russian, Italian, or Spanish, but who has not satisfied the requirements under Regulation C. 2 in the Honours School concerned shall not be eligible for the degree of B.A. with Honours. Should the candidate, however, satisfy the requirements under Regulation C. 2 within a year from the date of his Final Honours Examination he shall be entitled to proceed to the Ordinary Degree of B.A.

Such a candidate may be allowed subsequently, with the special permission of the Board of the Faculty, to enter for the M.A. in the subject of the school in question on the same terms as holders of the Honours degree, *i.e.*, without further examination apart from the thesis.

19. Candidates for the degree of B.A. with Honours may be exempted from attendance and examination in subsidiary subjects required under Regulation C. 1 of their Honours School under such Regulations as may be prescribed.

#### AS TO ATTENDANCE.

**Regulations** 1. Candidates for the degree of Bachelor of Arts with Honours who, in the opinion of the Board of the Faculty, have before entering the University attained an equivalent standard in one of the subjects required under Regulation C. 1 of any of the Honours Schools may be considered as having fulfilled the

requirements in respect of this subject and may, with the approval of the Board of the Faculty, be exempted from attendance on the course and examination in this subject. Regulations

2. Candidates who, in the opinion of the Board of the Faculty, have attained an equivalent standard in *more than one* of the subjects required under Regulation C. 1 may, as set forth in the preceding paragraph, be granted exemption from attendance and examination in respect of one of these subjects, and in respect of the remaining subject (or subjects) may *either*

- (a) Pursue this subject (or subjects) to the General stage; or
- (b) Present certificates of satisfactory attendance on certain courses specially arranged in this subject (or subjects) and approved by the Board of the Faculty; or
- (c) Present certificates of satisfactory attendance on courses in some other subject (or subjects) outside their Honours Course, to be prescribed by the teachers in the Honours School as auxiliary to their main subject of study, and to be approved by the Board of the Faculty.

3. Certificates of satisfactory attendance in any subject must bear the signature of the teacher of that subject, and relate to a course of not less than two hours per week extending over three terms of study.

4. The approval of the Board of the Faculty for the courses mentioned in paragraph 2 must be obtained not later than the end of November in the session in which the courses are to be taken.

5. The Higher School Certificate of the Joint Matriculation Board of the Universities of Manchester, Liverpool, Leeds, Sheffield, and Birmingham is accepted as evidence of a candidate having attained the standard of the Intermediate Examinations in the following subjects:—English, French, German, Greek, History, Latin, Mathematics, Russian, Italian, Spanish, Geography, provided that these subjects have been taken as main subjects in the Higher School Certificate Examination and that the candidate has attained a satisfactory standard of merit in them.

6. Candidates other than candidates in the Honours School of Architecture are required to complete the courses under Regulation C. 1 of any of the Honours Schools not later than the October preceding the date on which they sit for their Final Honours Examination.

Candidates other than candidates in the Honours School of Architecture who present a General subject in lieu of an Intermediate subject under C. 1 are required to complete the course

**Regulations** not later than the June preceding the date on which they sit for their Final Honours Examination.\*

Candidates in the Honours School of Architecture are required to complete the courses mentioned in Regulations 1 and 2 not later than the end of their third academical year.

7. Candidates are required to complete the courses under Regulation C. 2 in the Honours School of Greek, Latin, English, French, German, Russian, Italian, or Spanish, not later than the year in which they sit for the Final Honours Examination. Provided that candidates who have failed in their examination under Regulation C. 2, but have attained the standard of a First or Second Class in their Honours School may, on payment of a special fee, take the examination required under Regulation C. 2 again in September next following their Final Honours Examination. (See Ordinance 18.)

8. Candidates are required to attend, during three or four, and in the Honours School of Architecture during five, academic years, such courses of instruction in the subjects of the school as the Senate, after report from the Board of the Faculty of Arts, may from time to time prescribe.

9. In certain cases candidates are allowed to present themselves for the examination of an Honours School after having attended the courses of instruction of the school for two years. For this they must have previously obtained the special recommendation of the Professor or Lecturer concerned and the consent of the Board of the Faculty (Ordinance 2, page 419).

10. Candidates intending to enter upon any Honours course (save Architecture; Economics, Politics, and Modern History; Philosophy; Geography; and Oriental Studies) must have passed the Matriculation Examination, or some equivalent examination, in Latin [or Greek in the case of the Honours Schools of German and English]; otherwise they may not, without special permission of the Board of the Faculty, proceed in less than four years to the Final Honours Examination. Permission to complete their Honours course in three years will be given not earlier than the close of the first session (see Regulation 6, page 423), upon evidence as to the applicant's ability to complete the course satisfactorily within the shorter period, and will be confined *either* to candidates who have obtained exemption from one of the subsidiary subjects required under Regulation C.1 of their Honours Schools *or* to candidates who have passed Intermediate Latin before the beginning of their second session and have not more than one subsidiary subject to complete.

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\* The attention of candidates who do not fulfil the above requirements by the end of their second year is drawn to Ordinances 5 and 18 for the degree of Bachelor of Arts with Honours (see pages 419 and 422).

**Honours School of Greek.****A. SUBJECTS OF STUDY.**

1. The prescribed Greek books, with any literary, textual, <sup>Regulations</sup> or grammatical questions arising out of them.
2. One Greek author, or part of an author, or a group of works by different authors, prescribed for special literary study.
3. Essays upon any points connected with the subjects of the school.
4. Translation at sight from Greek authors.
5. (a) Translation from English into Greek prose.  
(b) Translation from English into Greek Verse may also be offered.
6. Greek and Roman History.
7. A period in Greek History studied in connection with the original authorities.
8. One of the following subjects :
  - (a) Classical Archæology.
  - (b) The Comparative and Historical Grammar of Greek, with *either* Selections from Greek Dialect Literature and Inscriptions, *or* The Elements of Sanskrit Accidence, with easy texts.
  - (c) The Outlines of Greek Philosophy.
  - (d) A second period in Greek History, studied in connection with the original authorities.
  - (e) A subject in Hellenistic Greek, to be prescribed from year to year.

9. (a) In the examination five papers will be allotted to the subjects numbered (1) to (5). One paper will be set upon (7) and one upon each of the alternatives in (8). The paper under (6) in Greek and Roman History for candidates who do not take Ancient History under C. 1 will be that of the Intermediate Examination in Ancient History, and candidates must satisfy the Examiners in this examination before entering upon the course of study prescribed under (7).

(b) Candidates who have previously taken the Honours School of Latin and a period in Roman History studied in connection with the original authorities need not offer the Greek History required under (7) but may offer a period in Greek History under (8 (e)).

**B. ATTENDANCE.**

Candidates are required to attend courses of instruction in the subjects of the school during three academic years. The attendances during the first year\* must be not less than eight

\* The Intermediate B.A. is accepted instead of the first year's attendance in an Honours School, provided that the subjects chosen and the courses attended by the candidate are substantially and to the satisfaction of the Senate those required for the first year's course of the Honours School.

legulations hours a week, during the second year not less than ten hours a week, and during the third year not less than eight hours a week.

### C. SPECIAL REQUIREMENTS.

These requirements must be fulfilled by the prescribed date (see Regulations 6 and 7, pages 423—424).

1. Candidates are required to have completed courses of at least Intermediate Grade in Latin and in *two* of the following subjects:

- (a) Ancient History.
- (b) English.
- (c) French.
- (d) German.
- (e) Italian.
- (f) Philosophy and Psychology.
- (g) Any other subject approved by the Board of the Faculty.

2. Candidates are required to complete a course of at least General Grade in Latin.

3. Not later than the close of the session next before the last year of their Honours course, candidates must either have obtained at least a Third Class in the Honours School of Latin, and have reached the standard of the Special course in Greek, or have satisfied the Examiners in a Preliminary Honours Examination in Greek.

(a) The subjects of this examination will be:

- i. Books prescribed year by year from Homer, the Greek Dramatists, Thucydides, Plato or the Greek Orators, and other authors.
- ii. Unprepared translation from Greek.
- iii. Greek prose composition.

(b) The list of candidates qualified for entrance upon the last year's Honours course will be issued in alphabetical order. Such candidates as are not admitted to continue their Honours course may be excused from completing such courses in Greek for the Ordinary B.A. degree as the Board of the Faculty may, on the recommendation of the Examiners, determine.\*

4. The Examiners may examine any candidate orally as well as on paper.

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\* Students who fail to reach the Honours standard in the Preliminary Examination of an Honours School, will be required to complete at least three pass courses before being allowed to proceed to an ordinary degree.

Such students are required to complete, if they have not done so already, such compulsory courses for the ordinary degree as are not covered by the Preliminary Examination.

5. In determining the class list the Examiners have power **Regulations** to take into account the work of each candidate during his academic course.

6. Candidates who satisfy the Examiners in the Preliminary Honours Examination in Latin and in the requirements under C. 1 at the end of their first year may be permitted by the Board of the Faculty to take the Final Honours Examination in Latin with the Greek required under C. 2, but omitting the Special subject under (8), at the end of their Second Year instead of the Preliminary Honours Examination in Greek; but they will not be granted a degree with Honours unless they attain at least the standard of a Third Class in the Final Honours Examination in Greek. Examiners in the Final Honours School of Latin shall return the names of candidates under this clause who have reached the Honours standard as having satisfied the requirements of the Preliminary Honours Examination in Greek, and may state that such a candidate has been distinguished in this examination in Latin.

### **Honours School of Latin.**

#### **A. SUBJECTS OF STUDY.**

1. The prescribed Latin books, with any literary, textual, or grammatical questions arising out of them.
2. (a) Historical Latin Syntax.  
(b) Latin Literary Criticism.
3. Essays upon any points connected with the subjects of the school.
4. Translation at sight from Latin authors.
5. (a) Translation from English into Latin prose.  
(b) Translation from English into Latin Verse may also be offered.
6. Greek and Roman History.
7. A period in Roman History studied in connection with the original authorities.
8. One of the following subjects :
  - (a) Classical Archaeology.
  - (b) The comparative and Historical Grammar of Latin, with *either* Selections from the Italic Dialects, *or* The elements of Sanskrit Accidence, with easy texts.
  - (c) The History of Stoicism, or some other prescribed subject in Ancient Philosophy.
  - (d) A second period in Roman History, studied in connection with the original authorities.

**Regulations** 9. (a) In the examination not less than one paper shall be allotted to each of the above subjects and alternatives. The paper under (6) in Greek and Roman History, for candidates who do not take Ancient History under C. (1), will be that of the Intermediate Examination in Ancient History, and candidates must satisfy the Examiners in this examination, before entering upon the course of study prescribed under (7).

(b) Candidates who have previously taken the Honours School of Greek and a period in Greek History studied in connection with the original authorities need not offer the Roman History required under (7) but may offer a period in Roman History under (8 (d)).

(c) Candidates (other than those who have already taken the Honours School in Greek) may substitute the subjects of a prescribed course in Greek above the General stage for a certain number of the books prescribed in Latin, to be specified from year to year.

For other conditions under which Greek and Latin may be combined in the Honours School, see C. 6 under the Regulations of the Honours School in Greek.

#### B. ATTENDANCE.

Candidates are required to attend courses of instruction in the subjects of the school during three academic years. The attendances during the first year\* must be not less than eight hours a week, during the second year not less than ten hours a week, and during the third year not less than eight hours a week.

#### C. SPECIAL REQUIREMENTS.

These requirements must be fulfilled by the prescribed date (see Regulations 6 and 7, pages 423—424).

1. Candidates are required to have completed courses of at least Intermediate Grade in Greek and in *two* of the following subjects :

- (a) Ancient History.
- (b) English.
- (c) French.
- (d) German.
- (e) Italian.
- (f) Spanish.
- (g) Philosophy and Psychology.
- (h) Any other subject approved by the Board of the Faculty.

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\* The Intermediate B.A. is accepted instead of the first year's attendance in an Honours School, provided that the subjects chosen and the courses attended by the candidate are substantially and to the satisfaction of the Senate those required for the first year's course of the Honours School.

2. Candidates are required to complete a course of at least **Regulations** General Grade in Greek.

3. Not later than the close of the session next before the last year of their Honours course, candidates must either have obtained at least a Third Class in the Honours School of Greek, and have reached the standard of the Special course in Latin, or have satisfied the Examiners in a Preliminary Honours Examination in Latin.

(a) The subjects of this examination will be :

i. Books prescribed year by year from Plautus or Lucretius, Vergil, Horace, Cicero, Livy or Tacitus, and other authors.

ii. Unprepared translation from Latin.

iii. Latin prose composition.

(b) The list of candidates qualified for entrance upon the last year's Honours course will be issued in alphabetical order. Such candidates as are not admitted to continue their Honours course may be excused from completing such course in Latin for the Ordinary B.A. degree as the Faculty may, on the recommendation of the Examiners, determine.\*

4. The Examiners may examine any candidate orally as well as on paper.

5. In determining the class list the Examiners have power to take into account the work of each candidate during his academic course.

### **Honours School of Classics.**

#### **A. SUBJECTS OF STUDY.**

1. The prescribed Greek and Latin books, with any historical, literary, textual, or grammatical questions arising out of them.

2. One author or part of an author in Greek and also in Latin, prescribed for special literary study.

3. Essays upon any points connected with the subjects of the school.

4. Translation at sight from Greek and from Latin authors

5. Translation from English into Greek and into Latin prose.

6. Greek and Latin Historical Syntax.

7. Greek and Roman History.

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\* Students who fail to attain the Honours standard in the Preliminary Examination of an Honours School will be required to complete at least three pass courses before being allowed to proceed to an ordinary degree.

Such students are required to complete, if they have not done so already, such compulsory courses for the ordinary degree as are not covered by the Preliminary Examination.



**Regulations**

8. A period in Greek or Roman History studied in connection with the original authorities.

9. One of the following subjects :

(a) Greek and Roman Archæology.

(b) The Comparative and Historical Grammar of Greek and Latin, with *either* (i.) the Elements of Sanskrit, *or* (ii.) Greek Dialects, *or* (iii.) Italic Dialects.

(c) Greek Philosophy with prescribed texts.

(d) Greek *or* Latin Verse Composition.

In the Final Examination two papers of three hours each will be allotted to each of the subjects numbered (1) to (5), the historical, literary, and other questions upon the prescribed books being set in the same papers with the Essays, one paper relating to Greek subjects and one to Latin ; one paper of two hours will be set on the subject numbered (6).

One paper will be set on (8) and on each of the alternatives in (9). The paper under (7) will be the paper of the General Course in *either* Greek *or* Roman History, but satisfactory attendance will be required in both courses ; these courses will satisfy the requirements in Ancient History under Regulation C. 1 below.

#### B. ATTENDANCE.

Candidates are required to attend courses of instruction in the subjects of the school during four academic years, unless they satisfy the Examiners in the Preliminary Examination at the end of their first year, in which case the requirements of the school may be completed in two further years. The attendances during the first year must be not less than eight hours a week, during the second year not less than ten hours a week, and during the remaining year or years not less than eight hours a week. At least four hours a week in each year must be attendance in Greek and at least four in Latin.

#### C. SPECIAL REQUIREMENTS.

These requirements must be fulfilled by the prescribed date (see Regulations 6 and 7, pages 423—424).

1. Candidates are required to have completed courses of at least Intermediate Grade in Ancient History and in *one* of the following subjects :

(a) English Literature.

(b) French.

(c) German.

(d) Celtic.

(e) Italian.

(f) Philosophy and Psychology.

(g) Any other subject approved by the Board of the Faculty.

2. Candidates must satisfy the Examiners in a Preliminary Honours Examination, and must subsequently attend for not less than two years before presenting themselves for the Final Honours Examination.

- (a) The subjects of the Preliminary Examination will be :
  - (i.) Books prescribed each year.
  - (ii.) Unprepared translation from Greek and Latin.
  - (iii.) Greek and Latin prose Composition.
- (b) The list of candidates qualified for entrance upon the Final Honours course will be issued in alphabetical order. Such candidates as are not so qualified may be excused from completing such courses in Greek or Latin for the Ordinary B.A. degree as the Board of the Faculty may, on the recommendation of the Examiners, determine; but if they have attempted the Preliminary Honours Examination at the end of the first year, they may, on the recommendation of the Examiners, be permitted by the Board of the Faculty to become candidates at the Preliminary Examination for Greek Honours or at the Preliminary Examination for Latin Honours at the end of their second year, and, if successful, to proceed in one year thereafter to the final Honours Examination in the same school.

3. The Examiners may examine any candidate orally as well as on paper.

4. In determining the class list the Examiners have power to take into account the work of each candidate during his academic course.

### **Honours School of History.**

#### **A. SUBJECTS OF STUDY.**

1. The General History of Western Civilisation, Ancient, Mediæval, and Modern.
2. A more particular study of British History.
3. A special subject mainly studied in original sources drawn from within a special period more generally studied.

The course of study will also include some at least of the following subjects:—Archæology, Geography, Literature, Political Economy, Political Science.

The examination will be in two parts. Part I. shall normally be taken at the end of the second year of study, and must not

regulations be taken later than the close of the session next before the concluding year of the Honours course. It will include the following papers :

- (a) Outlines of Ancient History.
- (b) Outlines of Mediæval History.
- (c) Outlines of Modern History.
- (d) Mediæval English History with Constitutional Documents.
- (e) Modern British History.
- (f) English Economic History.

The names of those who have satisfied the Examiners in Part I. will be published in alphabetical order, and no candidate who has failed in Part I. will be allowed to proceed to the examination in the Second Part. The Bradford and Shuttleworth Scholarships will be awarded on the results of Part I.

Such candidates as are not admitted to continue their Honours course may be excused from completing such courses in History for the ordinary degree as the Board of the Faculty may, on the recommendation of the Examiners, determine.

Part II. will be taken at the end of the Honours course. It will include the following papers :

- (a) and (b) General Questions on Historical Problems, Ancient, Mediæval, and Modern.
- (c) The History of the nineteenth century or some other subject approved by the Board of the Faculty.
- (d) An Essay.
- (e) Political Theory.
- (f) and (g) Two Papers on the special subject.
- (h) During the course of study students will be required to submit one or more exercises based upon original sources, upon themes arising out of the special subject.

In determining the final class list the Examiners shall take into account the result of the examination in Part I. and the work of each candidate during his academic course.

The Examiners may examine any candidates orally as well as on paper.

#### B. ATTENDANCE.

Candidates are required to attend during three academic years courses of instruction in the subjects of the School, averaging not less than six hours a week.

**C. SPECIAL REQUIREMENTS.**

**Regulations**

These requirements must be fulfilled by the prescribed date  
(see Regulations 6 and 7, pages 423—424).

1. Candidates are required to have completed courses of at least Intermediate grade in :

- (a) Latin.
- (b) *Either* Greek, or French, or German, or Russian, or Italian, or Spanish.
- (c) *Either* Political Economy, or English, or Philosophy and Psychology, or any other subject approved by the Faculty.

With the special permission of the Board of the Faculty, Arabic may be offered in lieu of the subject under C. (a).

**Honours School of English Language  
and Literature.**

All candidates are required to complete a specified number of courses in both literature and language. The examination in these constitutes Part I. of the Honours examination, and will be held at the end of the second year, or one year before Part II. of the Honours examination. Candidates who satisfy the Examiners in Part I. may proceed to a course affording opportunities either mainly for linguistic study (Part II.A) or mainly for literary study (Part II.B).

Candidates who intend to take courses mainly linguistic in Part II.A. may also take special linguistic courses in their second session. They will be examined in such additional courses only in Part II. of the Honours Examination.

**A. SUBJECTS OF STUDY.**

The subjects of study for Part I. are :

- 1. The History of the English Language.
- 2. Translation from specified and unspecified Old and Middle English Texts (to 1300), with literary, historical and linguistic questions arising out of them.
- 3. Chaucer and the literature of the fourteenth and fifteenth centuries, with specified texts.
- 4. Shakespeare.
- 5. The History of English Literature (1550—1760), with specified books.

**Regulation:** The examination will consist of six papers, one on each of the subjects enumerated above except No. 5, on which there will be two papers.

The names of candidates who have satisfied the Examiners in this Part will be published in alphabetical order, and the Examiners may test candidates orally and take into account the work done previously in the candidates' academic course. Such candidates as are not admitted to continue their Honours course may be excused from completing such courses in English for the ordinary degree as the Board of the Faculty may on the recommendation of the Examiners, determine.

The subjects of study for Part II.A (mainly linguistic) are :

1. The History of the English Language.
2. Old English Texts and translation.
3. Middle English Texts and translation.
4. English Literature, comprising (a) Medieval literature, and (b) Literary History, 1760—1830.
5. Old and Middle English Philology.
6. Gothic.
- 7.\*Old Icelandic or a subject chosen from the following :—
  - (a) Germanic Philology.
  - (b) Anglo-Norman French, with reference to specified texts.
  - (c) Old Saxon, with a study of the *Heliand*.
  - (d) Modern Icelandic, with reference to specified Texts.
  - (e) A period of Anglo-Saxon or Medieval English History, with a study of specified historical documents.
  - (f) Any other linguistic subject approved by the Board of the Faculty.
8. Essay.

The examination will consist of nine papers, one on each of the subjects numbered 1 to 3 and 5 to 8, and two papers on the subject numbered 4. Candidates whose special study of English language is limited to one year may substitute for subject 7, subject 2 or subject 3 under Part II.B.

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\*For candidates taking Old Icelandic to complete a General Course two papers will be set on Old Icelandic.

The subjects of study for Part II. (mainly literary, are : Regulations

1. Old and Middle English. Translation from specified and unspecified books, with questions relating to Literature, History, and Institutions.

2. Outlines of English Literature to 1880.

3. History of Criticism and Literary Theory.

4. History of Literature, 1760—1830.

5. Essay.

6. A special subject, chosen from the following :—

(a) Old French Literature, with reference to specified texts.

(b) Old Norse Literature, with reference to specified texts.

(c) A subject from English Literature treated in connection with *either* (i.) Political and Social History or (ii.) one or more continental literatures.

(d) The Middle English lyric.

(e) The English language 1575—1675, with special reference to Shakespeare and Milton.

(f) Any other subject in English Literature approved by the Board of the Faculty.

7. Thesis.

The examination will consist of seven papers, two on the subject numbered 1, and one on each of the subjects numbered 2 to 6.

Every candidate for Part II. is required to submit *two* copies of the thesis, one of which shall be filed in the English Seminar Library. The Examiners in each section of Part II. have the power to take into account the work done throughout the candidate's academic course, and to test candidates orally.

#### B. ATTENDANCE.

Candidates are required to attend during three academic years courses of instruction in the subjects of the school, of not less than six hours a week during each year. Provided that such students as may be allowed by the Board of the Faculty may, in lieu of attendance at the University during the Summer term immediately preceding their last academic year, attend approved courses during that term at the University of Iceland, and may

regulations take there their Part I. examination and the written papers in any General or Special subject required by them under the Regulations for the Honours School of English.

#### C. SPECIAL REQUIREMENTS.

These requirements must be fulfilled by the prescribed date (see Regulations 6 and 7, pages 423—424).

1. Candidates are required to complete courses of at least Intermediate grade in the following subjects :

- (a) Greek or Latin.
- b. French or German or Italian, or Spanish.
- (c) Modern History, or Mediæval History, or Philosophy and Psychology, or any other non-linguistic subject approved by the Board of the Faculty.

2. Candidates are required to complete a course of at least General grade in Greek, Latin, French, German, Italian, or Spanish.

In the case of Second or Third Year Students who have received the special permission of the Board of the Faculty specified in B above, they may present as evidence of having completed their General or Special course certificates of satisfactory attendance at the end of the Lent term. Such candidates, however, may, if they so desire, satisfy this requirement by passing either the General or Special Examination in the subject chosen, and in this case, any oral part of the General or Special Examination may be taken at the end of the Lent term instead of in June.

Candidates who at the end of their first year have decided to specialise for two years in English Language and who in their first year were not qualified to pursue a course of General grade in any of the preceding subjects may substitute a prescribed course in Old Icelandic as a General subject.

\*3. Candidates who offer Part II.B. are required in their third year to attend a course of instruction of not more than two hours a week in the department of History. The subject studied shall in general be the one most closely bearing on the Special Subject or the Thesis; but, if no course suitable for that purpose is provided, the appropriate instruction will be determined by the Board of the Faculty.

4. In determining the class lists the Examiners have power to take into account the work of each candidate during his academic course.

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\* This Regulation is at present suspended.

**Honours School of French Studies.**

Regulations

**NOTE.**—The attention of students intending to enter the Honours School of French Studies is drawn to the facilities offered for completing a portion of the prescribed course by attendance at the University of Paris in the Summer term immediately preceding the last academic year of their course.

For the conditions under which students may proceed to the Final Honours Examination in Italian in two years after completing all the courses of the Honours School of French, see Regulation C. 3 of the Honours School of Italian.

For the conditions under which students may proceed to Part I. of the Honours School of Italian in one year after completing all the courses of the Honours School of French, see Regulation C. 4 of the Honours School of Italian.

For the conditions under which students may proceed to the Final Honours Examination in Spanish in one or two years after completing all the courses of the Honours School of French, see Regulation C. 4 of the Honours School of Spanish.

For the conditions under which students may proceed to Part I. of the Honours School of Spanish in one year after completing all the courses of the Honours School of French, see Regulation C. 5 of the Honours School of Spanish.

**A. SUBJECTS OF STUDY.**

1. Translation from English into French.
2. The writing of an Essay or Essays in French on subjects relating to French Literature, History, or Institutions.
3. Translation from unspecified Old and Modern French books.
4. Translation and explanation of specified Old French texts, with literary and linguistic questions arising out of them.
5. The History of the French Language, including the study of the elements of French metre.
6. The Growth of Modern France.
7. The History of French Literature from 1500—1600, with special reference to certain specified authors or works, and to questions of language and metre connected with them.
8. A special period or subject of French Literature subsequent to 1600, with certain specified authors or works.
9. A Special Subject chosen from a specified group (see below), or a thesis on some subject selected by the candidate and approved beforehand by the Faculty. The thesis must be sent in to the Registrar before the first day of the Summer term in the year in which the candidate completes his Honours course.



## SPECIAL SUBJECTS.

- Regulations**
- (i.) Anglo-Norman, with special reference to certain specified authors or texts.
  - (ii.) Old Provençal, with special reference to certain specified authors or texts.
  - (iii.) Old Italian, with special reference to certain specified authors or texts.
  - (iv.) Pre-renaissance French Literature
  - (v.) An additional approved subject or period of French Literature with specified texts.
  - (vi.) The History of Criticism and Literary Theory.
  - (vii.) An approved subject of Comparative Literature.
  - (viii.) The history of Romance metre, with special reference to French.
  - (ix.) The principles of Romance Philology, or an approved branch of Romance Grammar.

In all the work of the school the literature will be studied in its relation to political and social conditions.

Eight papers will be set, one on each of the subjects enumerated, except that a combined paper will be set on subjects 4 and 5. There will be also an Oral Examination, the requirements of which shall include a knowledge of French Phonetics.

No candidate shall be regarded as having passed the examination unless he has satisfied the Examiners in composition as tested by the papers on A. 1 and 2.

## B. ATTENDANCE.

Candidates are required to attend during three academic years courses of instruction in the subjects of the school of not less than six hours a week during the first year, and not less than seven hours a week during each of the second and third years. Provided that such students as may be allowed by the Board of the Faculty may, in lieu of attendance at the University during the Summer term immediately preceding their last academic year, attend approved courses during that term at the University of Paris, or other place of learning sanctioned by the Board of the Faculty, and may take, at the British Institute at Paris, the written papers in any General or Special subject required by them under the regulations for the Honours School of French.

## C. SPECIAL REQUIREMENTS.

These requirements must be fulfilled by the prescribed date (see Regulations 6 and 7, pages 423—424).

1. Candidates are required to complete courses of at least Intermediate grade, in the following subjects :

(a) Latin.

- (b) English, or German, or Italian, or Spanish, or any other <sup>Regulations</sup> modern language approved by the Board of the Faculty.
- (c) Modern History, or Mediæval History, or Philosophy and Psychology, or any other non-linguistic subject approved by the Board of the Faculty or a second modern language not already taken under (b).

2. Candidates are required to present certificates of having attended satisfactorily a course of at least General grade in either (a) or (b). In the case of Second or Third Year Students, these certificates may be granted at the end of the Lent term. Candidates, however, who so desire, may satisfy this requirement by passing either the General or Special Examination in the subject chosen. In this case, any oral part of the General or Special Examination may be taken at the end of the Lent term instead of in June by candidates who have received the special permission of the Board of the Faculty specified in B above.

3. Candidates must satisfy the Examiners in a Preliminary Honours Examination held in the Lent term of the session next before the last year of their Honours course.

(a) This examination will consist of the following papers :

- (i.) Translation from English into French, and an Essay in French.
- (ii.) Translation from specified and unspecified Old and Modern French texts, with literary and linguistic questions arising out of them.
- (iii.) The outlines of French Literature.
- (iv.) French Historical Grammar.

(b) The list of candidates qualified for entrance upon the last years Honours Course will be issued in alphabetical order. Such candidates as are not admitted to continue their Honours Course may be excused from completing such courses in French for the ordinary degree as the Board of the Faculty may on the recommendation of the Examiners determine.

4. In determining the final class lists the Examiners have power to take into account the work of each candidate during the whole of his academic course.

### **Honours School of German Language and Literature.**

#### **A. SUBJECTS OF STUDY.**

The subjects of study for Part I. are :—

1. Translation from English into German.
2. Translation from unspecified Old and Modern German texts.

## Regulations

3. Translation and explanation of specified Old High German and Middle High German texts, with literary and linguistic questions relating thereto.

4. German Literature after 1500, with specified texts.

The subjects of study for Part II.A. (mainly linguistic) are :—

1. Translation from English into German.

2. The writing of an Essay in German on a subject relating to German Literature, History or Institutions.

3. Translation from unspecified old and modern German texts.

4. The Growth of Modern Germany.

5. Specified Old High German and Middle High German texts.

6. The history of German Literature up to 1600, with specified texts of the sixteenth century.

7. The history of the German language.

8. Germanic Philology and *either* Gothic or Old Saxon or Old Norse, or Old French.

9. Modern German literature with specified texts.

The subjects of study for Part II.B. (mainly literary) are :—

1. Translation from English into German.

2. The writing of an Essay in German on a subject relating to German Literature, History, or Institutions.

3. Translation from unspecified old and modern German texts.

4. The Growth of Modern Germany.

5. The writing of an Essay in English on an unspecified subject from German Literature.

6. General questions on German Literature.

7. German Literature from 1760 to 1805 with specified texts (excluding Goethe).

8. German Literature since 1805 with specified texts (excluding Goethe).

9. Goethe.

The examination will be in two parts.

All candidates will be required to complete a specified number of courses, in both language and literature. Candidates who satisfy the Examiners in Part I. may proceed to a course affording opportunities either mainly for linguistic study (Part II.A.) or mainly for literary study (Part II.B.).

Part I. (to be taken not later than the close of the session Regulations next before concluding the course) will consist of four papers, one on each of the four subjects enumerated above.

The names of those who have satisfied the Examiners in Part I. will be published in alphabetical order, and no candidate who has failed in Part I. will be allowed to proceed to the examination in the Second Part.

Such candidates as are not admitted to continue their Honours Course may be excused from completing such courses in German for the ordinary degree as the Board of the Faculty may on the recommendation of the Examiners determine.

Part II. (to be taken at the end of the Honours course) will consist of an oral examination and of nine papers, for Part II.A. and Part II.B. respectively. No candidate shall be regarded as having passed the examination, unless he has satisfied the Examiners under subjects 1 and 2.

In determining the final class lists the Examiners have power to take into account the result of the examination in Part I. and the work of each candidate during the whole of his academic course.

#### B. ATTENDANCE.

Candidates are required to attend during three academic years courses of instruction in the subjects of the school of not less than six hours a week in the first year and seven hours a week in each of the second and third years, and must have taken a regular and active part in the Germanic Seminar during two academic years.

With the approval of the Board of the Faculty, students may attend during the Summer Term preceding their last academic year, approved courses at a German University or other place of learning sanctioned by the Board of the Faculty.

#### C. SPECIAL REQUIREMENTS.

These requirements must be fulfilled by the prescribed date (see Regulations 6 and 7, pages 423—424).

1. Candidates are required to complete courses of at least Intermediate grade in the following subjects :

- (a) Greek or Latin.
- (b) English or a modern language other than German.
- (c) Philosophy.

2. Candidates are required to complete a course of at least General grade in one of the subjects enumerated under (a), (b), (c) of Regulation C. 1.

**regulations** In the case of Second or Third Year Students, who have received the special permission of the Board of the Faculty specified in B above, certificates of satisfactory attendance may be granted at the end of the Lent term. Such candidates, however, may, if they so desire, satisfy this requirement by passing either the General or Special Examination in the subject chosen, and in this case, any oral part of the General or Special Examination may be taken at the end of the Lent term instead of in June.

### **Honours School of Philosophy.**

The Honours School of Philosophy requires either (I.) a course of study extending over three sessions with no previous course of study in another department, or (II.) a course of study extending over two sessions (or, in special cases, as provided under B, one session) with a previous course in another department.

I. In the former case, the examination will be in two parts, Part I. being taken at the end of the second session or one year before Part II. of the Honours Examination; Part II. at the end of the third or fourth session. The subjects of examination in Part I. will consist of the first three of the subjects enumerated under A below together with a selection of the subjects prescribed for another Honours School. The selection of subjects proposed must be submitted to the Board of the Faculty for approval before the end of the student's first term. Part II. will consist of the remaining subjects enumerated under A.

II. In the latter case, before admission to the school a student must

*Either*

- (i.) Have satisfied the Examiners in the Preliminary or Part I. Examination of another Honours School in the Faculty of Arts, and fulfilled all requirements under Regulation C of that Honours School.

*Or*

- (ii.) Have satisfactorily completed two sessions' study and attendance, and satisfied the Examiners in such Examinations as may be required during that period, for any Honours School in the Faculty of Science.

*Or*

- (iii.) Have satisfied the Examiners in the Preliminary Examination in Theology.

*Or*

- (iv.) Having studied for two sessions for an Ordinary degree in the Faculty of Arts or as day students for a degree in the Faculty of Commerce and Administration, and

having been specially recommended by the Professor Regulator of Philosophy, have obtained the permission of the Board of the Faculty of Arts to enter on the course.

Or

(v.) Have graduated in a Faculty of the University.

*Note.*—Students who intend ultimately to proceed to the Honours School of Philosophy should consult the Professor of Philosophy before entering on their University course and should register themselves as students in the Honours School of Philosophy, but the fact that a student has not been so registered will not debar him from proceeding to the School at a later stage.

#### A. SUBJECTS OF STUDY.

1. General Psychology.
2. Ethics and Politics.
3. History of Modern Philosophy with the study of sources.
4. Logic and Metaphysics.
5. Questions of General Philosophy.
6. One of the following :—
  - (a) Advanced Psychology or a special course in Psychology as approved by the Board of the Faculty.
  - (b) Theory of the State and Principles of Government.
  - (c) Scientific Thought and Method.
  - (d) Philosophy of Religion.
  - (e) *Æsthetic*.
  - (f) Philosophy of a Special Period or Country, studied in the original texts.
  - (g) A Special Subject, as approved by the Board of the Faculty.

7. A Special Author or Authors, as prescribed, or an alternative Author or Authors, specially approved by the Board of the Faculty.

8. Essay.

The Examination will consist of eight papers, one on each of the above subjects under A. (*Note.*—Subjects 1, 2, and 3 represent the work of the first session.)

#### B. ATTENDANCE.

Candidates are required to attend courses of instruction in the subjects of the School for three sessions (alternative I. above) or two sessions (alternative II. above), but, with the special permission of the Board of the Faculty, candidates who have already qualified for an Honours Degree in the Faculty of Arts, or Graduates in Divinity who have also graduated in the Faculty of Arts, may be allowed to take the examination after one session's study.

regulations

## C. SPECIAL REQUIREMENT.

These requirements must be fulfilled by the prescribed date (see Regulations 6 and 7, pages 423—424).

1. Candidates under alternative I. are required to complete courses of at least Intermediate grade in *either* three or two subjects other than those of the approved course as the Board of the Faculty may determine in each particular case ; of these subjects however Greek or Latin, or French, or German shall always be one. The subjects proposed as satisfying this requirement shall be submitted to the Board of the Faculty for approval before the end of the student's first term.

2. Candidates under alternative II. who have not completed a course of Intermediate grade in Logic before entering the Honours School of Philosophy will be required to complete such a course during their first year of study in the Honours School of Philosophy.

**Honours School of Architecture.**

## A. SUBJECTS OF STUDY.

1. The following are the subjects of study : —

1. *History.*

- (a) General History of Architecture.
- (b) Medieval Architecture.
- (c) Renaissance and Modern Architecture.
- (d) Italian Mural Painting.
- (e) Classical Sculpture.

2. *Architectural Construction.*

- (a) Building Construction, including Steel and Ferro-Concrete Construction.
- (b) Graphic Statics, Theory of Structures, and Strength and Testing of Materials.
- (c) Sanitation and Hygiene.

3. *Architectural Designs.*

- (a) Architectural Drawing.
- (b) Architectural Design.
- (c) Freehand Drawing, Drawing from the Antique and Life, and Modelling.
- (d) Town Planning.

4. *Measured Drawings.*5. *Builders' Quantities and Specifications ; the Aesthetic Properties of Building Materials.*

## II. The examination will be in two parts.

Regulations

Part I. (a) may be taken at the end of the Second year, and must be taken not later than the end of the Third year. It will include the following subjects:—General History of Architecture, Renaissance or Mediæval Architecture, Sanitation and Hygiene, Building Construction. Candidates must submit testimonies of studies in elementary Architectural Design and in Town Planning.

Part I. (b) must be taken at the end of the Third year, and will include the following subjects:—Renaissance or Mediæval Architecture, History of Italian Mural Painting and of Classical Sculpture, Building Construction. Candidates must submit a Thesis Design with Memoir, and will be required to undergo an Oral Examination. They may, if necessary, again submit themselves for the examination in Design, but will then be required to attend in the University for three terms in each of the fourth and fifth years.

Part II. must be taken not earlier than the end of the Lent term of the Fifth year. It will include the following subjects:—Builders' Quantities and Specifications, Æsthetic Properties of Building Materials. Candidates will also prepare a Design *en loge* for this examination, but, if necessary, they may again submit themselves for the examination in Design.

### B. ATTENDANCE.

1. Candidates are required to attend courses of instruction in Architecture, and allied subjects, averaging not less than twelve hours a week in the First year, and thirty hours a week in the Second and Third years, and thirty-two hours a week in the two terms of the Fourth and Fifth years.

2. Candidates are required to attend a course in Materials Testing in the Laboratory of the Department of Engineering.

### C. SPECIAL REQUIREMENTS.

These requirements must be fulfilled by the prescribed date  
(see Regulations 6 and 7, pages 423—424).

1. Candidates are required to have completed three courses of at least Intermediate grade in the following subjects (see pages 402—403):

- (a) One of the following:—Greek, Latin, French, German.
- (b) One of the following:—Ancient History, Mediæval History, Modern History, English.
- (c) One of the following:—Physics, Pure Mathematics, Applied Mathematics.



- Regulations**
2. Candidates who have passed the Intermediate Examination for the Degree of B.Sc. or B.Sc.Tech. will be exempted
    - (i.) from the subject under (c), provided that subject has been taken in the examination ;
    - (ii.) from the subject under (a), provided that they have already presented certificates of satisfactory attendance on one of the languages.
  3. Candidates must submit evidence that they have, with the approval of the Professor of Architecture, spent a period during both their Fourth and Fifth years in an Architect's or Builder's Office, or in the capacity of a Clerk of Works.
  4. Candidates who have passed the Intermediate Examination of the Royal Institute of British Architects as at present constituted, are exempted from the Architectural courses required in the first and second years.\*

### **Honours School of Economics, Politics, and Modern History.**

The School is divided into three sections :

I. Economics : II. Politics : III. Modern History.

#### **A. SUBJECTS OF STUDY.**

In each section the examination will be in two parts. All candidates must take Part I. and Part II. in the section chosen. Part I. shall be taken not later than the close of the session next before the concluding year of the Honours course.

#### **I. Economics.**

The course for Part I. will consist of the following subjects :

1. Political Economy.
2. Organisation and Administration of Industry.
3. Economic History.
4. Political Philosophy.
5. Statistics (including the mathematical groundwork of elementary statistics).

The examination in Part I. will consist of eight papers, two papers on each of the subjects numbered 1, 2, 3, and one paper on each of the subjects numbered 4 and 5.

\*Candidates who have passed Part II. of the Examination for the Degree and Certificate in Architecture are exempted by the Royal Institute from all but the Final Examination qualifying for the A.R.I.B.A.

Candidates who have obtained the University Degree and Certificate in Architecture under the new Regulations a minimum attendance of five years are exempted by the Royal Institute from all examinations except that in professional practice qualifying for the A.R.I.B.A.

Part II. will be taken at the end of the Honours course. The *REGULATIONS* course for Part II. will consist of the following subjects :

1. Political Economy.
2. Public Economics and Finance (including Currency and Foreign Exchange).
3. A Special Subject in Economics or Economic History.

The examination in Part II. will consist of seven papers, two papers on each of the subjects numbered 1, 2, 3, and an essay paper.

4. During the course of study candidates will be required to submit an essay, embodying independent work, on a subject in Economics or Economic History. This essay shall be submitted to the Examiners.

## II. *Politics.*

The course for Part I. will consist of the following subjects :

1. Political Economy.
2. Political Philosophy.
3. Public Administration.
4. Modern History.
5. Economic History.

The examination in Part I. will consist of eight papers, two papers on each of the subjects numbered 1, 2, 3, and one paper on each of the subjects numbered 4 and 5.

Part II. will be taken at the end of the Honours course. The course for Part II. will consist of the following subjects :

1. Political Philosophy.
2. Public Economics and Finance (including Currency and Foreign Exchange).
3. Modern History.
4. A special Subject in Political Philosophy or Public Administration.

The examination in Part II. will consist of seven papers, two papers in each of the subjects numbered 1 and 4, one paper in each of the subjects numbered 2 and 3, and an essay paper.

5. During the course of study candidates will be required to submit an essay, embodying independent work, on a subject in Political Philosophy or Public Administration. This essay shall be submitted to the Examiners.

**Regulations III. Modern History.**

The course for Part I. will consist of the following subjects :

1. Political Economy.
2. Political Philosophy.
3. Modern British History.
4. Modern European History.
5. Economic History.

The examination in Part I. will consist of eight papers, two papers in each of the subjects numbered 1, 2, 3, and one paper in each of the subjects numbered 4 and 5.

Part II. will be taken at the end of the Honours Course. The course for Part II. will consist of the following subjects :

1. Nineteenth Century History.
2. A special subject in
  - (a) British Constitutional History or
  - (b) Economic History or
  - (c) Diplomatic History.
3. *Either* Public Economics and Finance (including Currency and Foreign Exchange), *or* Modern Political Thought.

The examination in Part II. will consist of seven papers, two on each of the subjects numbered 1, 2, 3, and an essay paper.

4. During the course of study candidates will be required to submit an essay, embodying independent work, on a theme within their special subject. This essay shall be submitted to the Examiners.

**B. ATTENDANCE.**

Candidates are required to attend during three academic years courses of instruction in their section of the School of not less than six hours a week in each year.

**C. SPECIAL REQUIREMENTS.**

These requirements must be fulfilled by the prescribed date (see Regulations 6 and 7, pages 423—424).

1. (i.) *Economics.*

Candidates in this section are required to complete courses of at least Intermediate grade in :

- (a) *Either* French or German.
- (b) *Either* a second language or any other subject approved by the Board of the Faculty.
- (c) Modern History and Geography as required under Ordinance 3 for the degree of B.A. (Com.).

(ii.) *Politics.*

Regulations

The requirements in this section are the same as in the Economics section except that under (c) Geography alone is required.

(iii.) *Modern History.*

Candidates in this section are required to complete courses of at least Intermediate grade in (a) both French and German, (b) either Geography or any other subject approved by the Board of the Faculty.

2. Candidates who have failed to satisfy the Examiners in Part I. may be excused from completing such courses for the Ordinary degree of B.A., or for the degree of B.A. (Com.) or B.A. (Admin.), as the Board of the Faculty of Arts or the Board of the Faculty of Commerce and Administration respectively may, on the recommendation of the Examiners, determine.

3. The list of those who satisfy the Examiners in Part I. will be published in alphabetical order, and no candidate who has failed in Part I. will be allowed to proceed to the examination in Part II.

4. The Examiners may examine any candidate orally as well as on paper.

5. In determining the class list the Examiners shall have power to take into account the work of each candidate during his academic course.

**Honours School of Oriental Studies.****A. SUBJECTS OF STUDY.**

1. The subject of the school is: Oriental Languages, Literatures, History, Antiquities, Philosophies, and Religions.

2. Each student must select:

- (a) One of the branches mentioned in 1 as determining the general character of his course.
- (b) An Oriental language round which to group his studies.
- (c) For less detailed study, a second language, suitable to be studied in connection with the first.

3. The course includes:

- (a) A study in outline of the history and literature as represented by the languages selected under 2 (b) and (c).
- (b) A study in detail of a period or portion of the branch selected in 2 (a) as represented by the languages selected under 2 (b) and (c).

ulations 4. The studies will be tested by a series of papers, as follows :

(1 and 2) Subjects as in 3 (a) (one paper for each language).

(3, 4, and 5) Specified books as in 2 (b) and (c).

(6, 7, and 8) Unspecified books and composition or re-translation :—

(a) In the language of 2 (b) (two papers), and

(b) In the language of 2 (c) (one paper).

(9 and 10) Special subject as in 3 (b) in relation to the two languages.

(11) Essay on a subject determined by 2 (a).

5. In all parts of the course, except those described in 3 (a), the student will be allowed and expected, in so far as the character of the subject permits, to give special prominence to the subject selected under 2 (a).

6. With the permission of the Board of the Faculty, a thesis or other piece of independent work may be offered in lieu of (10) in 4.

7. Candidates must select, with the approval of the Board of the Faculty,

(i.) Under 2 (b) *one* of the following languages :

(a) Hebrew.

(b) Arabic.

(c) Egyptian.

(d) Sanskrit.

(e) Pali.

(f) Chinese.

ii.) Under 2 (c) another of the languages enumerated under (i.) or *one* of the following :

(a) Assyrian.

(b) Aramaic.

(c) Old Iranian.

The Board of the Faculty must be satisfied that the languages selected are languages for the study of which there is adequate provision in the University.

## B. ATTENDANCE

Candidates are required to attend during three academic years courses of instruction in the subjects of the school of not less than four hours a week during the first year, and not less than six hours a week during each of the second and third years.

## C. SPECIAL REQUIREMENTS.

Regulations

These requirements must be fulfilled by the prescribed date  
(see Regulations 6 and 7, pages 423—424).

Candidates are required

1. To complete three courses of at least Intermediate grade approved by the Board of the Faculty; of these, two will normally be Greek and Ancient History.
  2. To satisfy, unless specially exempted by the Faculty, the Examiners in a Preliminary Honours Examination,\* which will be held not later than the close of the session next before the last year of their Honours course.
- (a) The subjects of this examination will be :
- i. Texts selected by the Board of the Faculty from those prescribed in the course, with special reference to the line of study selected under 2 (a).
  - ii. Oriental History.
  - iii. Unprepared translation from the Oriental languages that are being studied.
  - iv. Translation or re-translation into the Oriental languages that are being studied, and pointing or transliteration.
- (b) The list of candidates qualified to enter upon the last year's Honours course will be issued in alphabetical order.
- (c) Such candidates as are not admitted to continue their Honours Course may be excused from completing such courses in Oriental languages or History for the Ordinary B.A. degree as the Board of the Faculty may, on the recommendation of the Examiners, determine.

### Honours School of Celtic Studies.

#### A. SUBJECTS OF STUDY.

##### PART I.

1. Prescribed Irish texts, with any literary, textual, or grammatical questions arising out of them.
2. Prescribed Welsh texts, with any literary, textual, or grammatical questions arising out of them.

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\* See first footnote, page 425.

- ulation- 3. Translation at sight from Irish texts.  
 4. Translation at sight from Welsh texts.  
 5. Grammar.  
 6. History and Literature.

## PART II.

1. One of the following.

### A. *Philology.*

#### (1) *Either*

- (a) Translation from Irish Texts with any questions arising out of them.  
 or (b) (i.) Translation from Welsh texts with any questions arising out of them.  
 (ii.) Translation from Breton or Cornish texts previously specified, with any questions arising out of them.

#### (2) The Comparative Grammar of the Celtic languages.

### B. *History and Literature.*

- (1) *Either* Irish or Welsh History.  
 (2) A selected subject of Celtic History or Literature including prescribed original texts.

#### 2. Paleography.

#### 3. A thesis.

The examination on Part I. shall be taken at the end of the second or third year, and that on Part II. at the end of the third or fourth year after the candidate has entered upon his course of study.

In the examination one paper will be set upon each of the subjects enumerated above, except that in Part II.: A. (1) Translation from Irish texts, etc.: and B. (2) Selected subject of Celtic History, etc., will each be treated in two papers.

## B. ATTENDANCE.

Candidates are required to attend during three academic years courses of instruction in the subjects of the school of not less than four hours a week each year.

## C. SPECIAL REQUIREMENTS.

These requirements must be fulfilled by the prescribed date (see Regulations 6 and 7, pages 423—424).

Candidates are required to complete courses of at least Intermediate grade in Latin, History, and either French or German.

## Honours School of Russian Language and Literature.

Regulation

### A. SUBJECTS OF STUDY.

1. Translation from English into Russian and from Russian into English.
2. The writing of an Essay or Essays in Russian on subjects relating to Russian Literature, History, or Institutions.
3. Translation from specified Old Slavonic and Old Russian texts, with literary and linguistic questions arising out of them.
4. The History of the Russian Language
5. The Outlines of Russian Literature
6. The History of Russian Literature from 1700 to 1800, with special reference to certain specified authors or works
7. *Either* (a) Pushkin, Gogol, and Bielinski, *or* (b) Turgenev, Dostoevski, and Tolstoi
8. Outlines of the History of Russian Civilisation.
9. *Either* a Special Subject chosen from the list given below, *or* a thesis on some subject selected by the candidate and approved by the Board of the Faculty. The thesis must be sent in to the Registrar not later than the first day of the Summer term in the year in which the candidate completes his Honours course.

### *Special Subjects.*

- (i.) Old Slavonic, with certain specified texts.
- (ii.) Outlines of the Historical Grammar of the Slavonic Languages.
- (iii.) The rise and developments of the chief Russian dialects, with regional study of the Great Russia and the Ukraina.
- (iv.) The Native Poetry of Russia, including the study of principal works on Russian folk-lore.
- (v.) The Slavonic Race: Regional study of Slavonic peoples of to-day.
- (vi.) An approved subject of Comparative Literature.
- (vii.) An additional approved subject or period of Russian literature with specified texts
- (viii.) An approved subject bearing on Russian History or Social and Economic conditions.

In all the work of the school the Literature will be studied in its relation to political and social conditions.

The examination will consist of nine papers, one on each of the subjects numbered 1 to 9 on the list. There will be also an Oral Examination, including a test in Russian Phonetics.



**Regulations** No candidate shall be regarded as having passed the examination unless he has satisfied the Examiners in composition as tested by the papers on A.1 and 2.

### B. ATTENDANCE.

Candidates are required to attend during three academic years courses of instruction in the subjects of the school of not less than nine hours a week during the first year, and not less than ten hours a week during each of the second and third years.

### C. SPECIAL REQUIREMENTS.

These requirements must be fulfilled by the prescribed date  
(see Regulations 6 and 7, pages 423—424).

1. Candidates are required to complete courses of at least Intermediate grade in the following subjects :

- (a) Greek or Latin.
- (b) French or German
- (c) Modern History, or Philosophy and Psychology, or any other non-linguistic subject approved by the Faculty.

2. Candidates are required to complete a course of at least General grade in Greek, Latin, French, or German.

3. Candidates must satisfy the Examiners in a Preliminary Honours Examination held not later than the close of the session next before the last year of their Honours course.

(a) This examination will consist of the following papers :

- (i.) Translation from English into Russian and free composition in Russian.
- (ii.) Translation from Russian into English, and an Essay in English on a subject connected with the studies of the school.
- (iii.) Translation from specified Old Slavonic and Old Russian texts with literary and linguistic questions arising out of them.
- (iv.) The Outlines of Russian Literature.
- (v.) Outlines of the History of the Russian Language.

(b) The list of candidates qualified for entrance upon the last year's Honours course will be issued in alphabetical order. Such candidates as are not admitted to continue their Honours course may be excused from completing such courses in Russian for the ordinary degree as the Board of the Faculty may, on the recommendation of the Examiners, determine.

4. In determining the final class lists the Examiners have power to take into account the work of each candidate during the whole of his academic course.

**Honours School of Italian Studies.**

Regulation

For the conditions under which students may proceed to the Final Honours Examination in Spanish in one or two years after completing all the courses of the Honours School of Italian, see Regulation C. 4 of the Honours School of Spanish.

For the conditions under which students may proceed to Part I. of the Honours School of Spanish in one year after completing all the courses of the Honours School of Italian, see Regulation C. 5 of the Honours School of Spanish.

**A. SUBJECTS OF STUDY.**

1. Translation from English into Italian.
2. The writing of Essays in Italian.
3. Translation from unspecified Italian books.
4. Specified Italian books from the period of Dante onwards.
5. Translation, with literary and linguistic commentary of specified and unspecified Old Italian Texts.
6. The History of the Italian Language and the study of the elements of Italian metre.
7. Dante and his times.
8. Outlines of Italian Literature, with special reference to certain specified modern authors or works.
9. The Making of Modern Italy.
10. A Special Subject.

In all the work of the school the literature will be studied in its relation to political and social conditions.

The examination will be in two parts. Part I. shall be taken not later than the end of the session preceding the last year of the Honours Course. It will consist of 5 papers, one on each of subjects 1, 2, 3, 4, and 8. The books under 4 will always include a portion of Dante's work.

Part II. will be taken at the end of the Honours Course. It will consist of an Oral Examination, and of 7 papers, one on each of subjects 1, 2, 3, 7, 9, 10, and a combined paper on subjects 5 and 6 in the above list.

**B. ATTENDANCE.**

Except as provided under Regulations C. 3 and 4, candidates are required to attend during three academic years courses of instruction in the subjects of the school of not less than six hours a week, provided that such students as may be allowed by the Board of the Faculty, may attend, during the Summer term preceding their last academic year, approved courses at an Italian University or other place of learning sanctioned by the Board of the Faculty.

## Regulations

## C. SPECIAL REQUIREMENTS.

These requirements must be fulfilled by the prescribed date  
(see Regulations 6 and 7, pages 423—424).

1. Candidates are required to complete courses of at least Intermediate Grade in the following subjects :

- (a) Latin.
- (b) English or French or Spanish or German.
- (c) Mediæval or Modern History.

2. Candidates are required to complete a course of at least General Grade in *either* (a) Latin, *or* (b) French or Spanish.

3. Candidates who wish, under Ordinance 11 for the degree of B.A. with Honours, to proceed to the Final Honours Examination in Italian in one year after completing all the courses of the Honours School of French are required to have attained at least a Second Class in the Final Examination of their Honours School, to have reached the standard of the Special Course in Italian, and to have offered one of certain subjects approved by the Board of the Faculty as the Special Subject under the requirements of the French Honours School. Candidates with these qualifications are also permitted, if they so desire, to attempt the Final Honours Examination in Italian in two years after the completion of the course for Honours in French.

4. Students who have attained at least a Second Class in the Final Examination of the Honours School of French and who have reached the standard of the General Course in Italian are permitted, under Ordinance 11 for the degree of B.A. with Honours, to take Part I. of the Italian Honours School in one year after completing all the courses of the Honours School of French, whether or not they proceed to take Part II. in the subsequent year.

### Honours School of Geography.

#### A. SUBJECTS OF STUDY.

- 1. Outlines of World Geography.
- 2. Cartography.
- 3. History of Geographical Discovery.
- 4. The Regions of the World.
- 5. The detailed study of a prescribed area, with special attention to a portion of that area.
- 6. Modern problems in Economic and Political Geography.
- 7. Modern History.

The examination will be in two parts. Part I. shall normally be taken at the end of the second year, and must not be taken later than the close of the session next before the concluding year of the Honours course. It will include the following papers:

- (i.) General Geography. (One paper.)
- (ii.) Cartography. (One paper and practical examination.)
- (iii.) Modern History. (One paper.)
- (iv.) Regions of the World. (Three papers.)

The names of those who have satisfied the Examiners in Part I. will be published in alphabetical order, and no candidate who has failed in Part I. will be allowed to proceed to the examination in the Second Part.

Such candidates as are not admitted to continue their Honours course may be excused from completing such courses in Geography for the ordinary degree as the Board of the Faculty may, on the recommendation of the Examiners, determine.

Part II. will include the following papers:

- (i.) General questions on Geographical problems. (Two papers.)
- (ii.) Special subject. (Two papers.)
- (iii.) An Essay.
- (iv.) History of Geographical Discovery. (One paper.)
- (v.) Cartography, practical examination.

Candidates will be required to present a dissertation (with requisite maps and diagrams) on a selected geographical region or subject.

In determining the final class lists the Examiners shall take into account the result of the examination in Part I. and the work of each candidate during his academic course.

The Examiners may examine any candidates orally as well as on paper.

#### B. ATTENDANCE.

Candidates are required to attend, during not less than three academic years, courses of instruction and laboratory work in the subjects of the School averaging not less than eight hours a week.

#### C. SPECIAL REQUIREMENTS.

These requirements must be fulfilled by the prescribed date (see Regulations 6 and 7, pages 423—424).

Candidates are required to have completed courses of at least Intermediate grade in:

- (a) Political Economy.
- (b) Any one of the following languages: French, German, Greek, Italian, Latin, Russian, Spanish.

- regulations (c) Another language chosen from (b) above.  
 (d) The elements of Physical Geology. This course must be completed not later than the beginning of a candidate's second session.

### Honours School of Spanish Studies.

#### A. SUBJECTS OF STUDY.

1. Translation from English into Spanish.
2. The writing of Essays in Spanish.
3. Translation from unspecified Old and Modern Spanish books.
4. Translation and explanation of specified Old Spanish texts, with literary and linguistic questions arising out of them.
5. The History of the Spanish Language.
6. Cervantes and his Age.
7. The Outlines of Spanish Literature, with special reference to certain specified modern authors or works.
8. A special period or subject of Spanish Literature, with certain specified authors or works.
9. The Growth of Modern Spain.
10. A Special Subject.

In all the work of the school the literature will be studied in its relation to political and social conditions.

The examination will be in two parts. Part I. shall be taken not later than the end of the session preceding the last year of the Honours Course. It will consist of four papers, one on subjects 1 and 2, one on subjects 3 and 4, and one on each of subjects 5 and 7.

The list of candidates qualified for entrance upon the last year's Honours Course will be issued in alphabetical order. Such candidates as are not admitted to continue their Honours Course may be excused from completing such courses in Spanish for the ordinary degree as the Board of the Faculty may on the recommendation of the Examiners determine.

Part II. shall be taken at the end of the Honours Course. It will consist of eight papers, one on each of the subjects 1, 2, 3, 6, 8, 9, 10, and a combined paper on subjects 4 and 5. There will also be an Oral Examination, including a test in Spanish Phonetics.

No candidate shall be regarded as having passed the examination unless he has satisfied the Examiners in composition as tested by the papers on A. 1 and 2.

In determining the final class lists the Examiners have power <sup>Regulations</sup> to take into account the work of each candidate during the whole of his academic course.

#### B. ATTENDANCE.

Except as provided under Regulations C. 4 and 5, candidates are required to attend during three academic years courses of instruction in the subjects of the school of not less than five hours a week during the first year, and not less than seven hours a week during each of the second and third years ; provided that such students as may be allowed by the Board of the Faculty, may attend, during the Summer term preceding their last academic year, approved courses at a Spanish University or other place of learning sanctioned by the Board of the Faculty.

#### C. SPECIAL REQUIREMENTS.

These requirements must be fulfilled by the prescribed date  
(see Regulations 6 and 7, pages 423—424).

1. Candidates are required to complete courses of at least Intermediate grade in the following subjects :

- (a) Latin.
- (b) English or French or Italian or German or Arabic.
- (c) Medieval History or Modern History or a second modern language not already taken under (b).

2. Candidates are required to present certificates of having attended satisfactorily a course of at least General grade in either (a) or (b). In the case of Second or Third Year Students, these certificates may be granted at the end of the Lent term. Candidates, however, who so desire, may satisfy this requirement by passing either the General or Special Examination in the subject chosen. In this case, any oral part of the General or Special Examination may be taken at the end of the Lent term instead of in June by candidates who have received the special permission of the Board of the Faculty specified in B above.

3. Candidates are required during their second year to attend satisfactorily a course of not more than two hours a week in the Department of History on the History of the Nineteenth Century.

4. Candidates who wish, under Ordinance 11 for the degree of B.A. with Honours, to proceed to the Final Honours Examination in Spanish in one year after completing all the courses of the Honours School of French or Italian are required to have attained at least a Second Class in the Final Examination of their Honours School, to have reached the standard of the Special Course in Spanish, and to have offered one of certain subjects approved by

**Regulations** the Board of the Faculty as the Special Subject under the requirements of the French or Italian Honours School. Candidates with these qualifications are also permitted, if they so desire, to attempt the Final Honours Examination in Spanish in two years after the completion of the course for Honours in French or Italian.

5. Students who have attained at least a Second Class in the Final Examination of the Honours School of French or Italian and who have reached the standard of the General Course in Spanish are permitted, under Ordinance 11 for the degree of B.A. with Honours, to take Part I. of the Spanish Honours School in one year after completing all the courses of the Honours School of French or Italian, whether or not they proceed to take Part II., in the subsequent year.

### **Honours School in Greek and English.**

The examination will be in two parts, Part I. being taken at the end of the second session or one year before Part II. of the Honours examination; Part II. at the end of the third or fourth session.

#### **A. SUBJECTS OF STUDY.**

The subjects of study for Part I. are :—

1. Translation of prescribed Greek books.
2. Topics arising out of the prescribed books.
3. Translation at sight from Greek.
4. Shakespeare.
5. English Literature 1550 to 1760 with prescribed books.

The examination will consist of one paper on each of the subjects numbered 1 to 4 above and two papers on the subject numbered 5.

The subjects of study for Part II. are :—

1. Prescribed Greek books with literary questions arising out of them.
2. A group of works by one or more Greek authors prescribed for special literary study.
3. An Essay upon points connected with the subjects of the Honours Schools of Greek and of English.
4. Translation at sight from Greek authors.
5. Outlines of English Literature from 1550.
6. History of Criticism and Literary Theory.
7. History of English Literature. 1760 to 1830.

8. *Either*

Regulations

- (a) A special subject : some aspect of the relations of English and Greek Literature.

or

- (b) Dissertation.

One paper of three hours will be set on each of the subjects enumerated above.

## B. ATTENDANCE.

Candidates are required to attend courses of instruction in the subjects of the School for three sessions.

## C. SPECIAL REQUIREMENTS.

1. Candidates must provide evidence of a satisfactory knowledge of Greek before being admitted to the School.

2. Candidates are required to have completed

- (a) one year before presenting themselves for the Part I. Honours examination a course of at least Intermediate grade in Greek.

- (b) Courses of at least Intermediate grade in

(i.) Latin,

(ii.) one of the following : a modern foreign language ; Philosophy ; any other approved subject.

3. Candidates are required to have completed a course of at least General grade in one of the following :

(a) Latin,

(b) Philosophy,

(c) any other approved subject.

CONDITIONS FOR COURSES AND EXAMINATIONS TAKEN IN  
ADDITION TO THOSE REQUIRED FOR THE DEGREE  
OF B.A. WITH HONOURS.

Students in Honours Schools in the Faculty of Arts may attend, with the concurrence of the Professors concerned and with a view to examination, classes within the Faculty other than those required by the regulations for their Degree courses.

Such students may proceed to examination in the additional subject or subjects studied, provided they have fulfilled the requirements as to attendance normally prescribed for University examinations ; and provided also that no student shall have the right to demand a special examination in any additional subject.



Notice of intention to sit for the examination in the additional subject or subjects must be given at the same time as notice for the usual University examinations, and it must be clearly indicated by the candidate that the subject or subjects are additional to those required by the regulations for the Honours School.

Students may sit for the examination in the additional subject or subjects prior to, or concurrently with, their Final Examination in the Honours School. Students will not be admitted to an examination at a later date than that of their Final Examination, either on account of a previous failure or for any other reason.

An Examination Fee of 10s. 6d. for each additional subject must be paid, and no transfer or return of fee will be made. Late entries to an examination in an additional subject will not be permitted.

### **Certificate in Architecture.**

**Ordinance** There shall be a Certificate in Architecture.

**Regulation** A Certificate shall be awarded to candidates who attend the courses and pass the examinations required for the degree of Bachelor of Arts in the Honours School of Architecture, provided that such candidates must have passed the Entrance Examination for Candidates for Certificates, but need not have passed the Matriculation Examination, nor the examinations in the subsidiary subjects required under Regulation C. 1 of the Honours School of Architecture.

### **Degree of Master of Arts.**

See general note as to theses, page 399.

**Ordinances** The degree of Master of Arts may be conferred on the following persons:

1. (a) Graduates in Arts of the University of not less than one year's standing from the date of their graduation as Bachelors, who have

(i.) Graduated with Honours in the Faculty of Arts and subsequently presented a satisfactory thesis on an approved subject.

A person who has qualified to sit for the Final Examination in an Honours School in the Faculty of Arts and has been awarded an *agrotat* degree or who has proceeded to the Ordinary degree of B.A. under Ordinance 18 for the degree of B.A. with Honours may, by special permission of the Board of the Faculty, proceed to the M.A. degree under Ordinance 1 (a) (i.).

(ii.)\*Graduated Bachelor of Arts without Honours, and have Ordinances either (a) Attended subsequently to graduation such courses as the Board of the Faculty may determine, passed a further examination under the regulations, and presented a satisfactory thesis on an approved subject.

For dates of presentation of thesis, see Regulation 3, page 464.

or (b) Presented subsequent to graduation, with the special permission of the Board of the Faculty, a thesis, dissertation, or published work embodying the results of original investigation and research approved by the Board of the Faculty.

(iii.) Graduated in Divinity and subsequently presented a satisfactory thesis on an approved subject.

1. (b) Graduates of the University in other Faculties than the Faculty of Arts, who have, subsequent to graduation, attended approved courses in the Faculty of Arts of at least six hours per week during two sessions; and fulfilled, in addition, the requirements for the M.A. degree under Ordinance 1 (a) (ii.).

2. (a) Graduates (or persons who have passed the Final Examination for a degree) of approved Universities, who, without having taken previously a lower degree of this University, have given sufficient evidence of their qualifications, have conducted research work approved by the Board of the Faculty during a period of two years in the University, have attended such courses as the Board of the Faculty may determine, and have presented a satisfactory thesis on an approved subject.

The Board of the Faculty shall decide in each case with reference to the record of the applicant whether he shall be required to pass a further examination as one of the conditions of the degree.

2. (b) Persons who are not graduates (nor have passed the Final Examination for a degree) of any approved University, who have :

(i.) Satisfied the Senate as to their general educational qualifications after a report from the Board of the Faculty as to their competence for the investigations proposed ;

(ii.) Satisfactorily attended such classes as the Board of the Faculty may require and conducted research work

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\* Students who commenced their course prior to the session 1921-22 should consult the *Calendar* for session 1920-21.

ordinances

approved by the Board of the Faculty during a period of three years in the University; and

- (iii.) Presented a thesis or published work embodying the results of original investigation and research.

3. Any person who has qualified for the degree of M.A. in one subject and proceeded to the degree, and has subsequently fulfilled to the satisfaction of the Board of the Faculty the regulations for the degree of M.A. in another subject, shall be entitled to have a statement to that effect endorsed on his certificate of graduation as Master of Arts.

regulations

1. In all cases graduates of other Universities, or non-graduates studying for the degree of Master, shall be required at the beginning of the prescribed period of study to register as University students and apply for recognition to the Board of the Faculty concerned. Every such candidate shall be required to show that he has attained a linguistic knowledge sufficient to enable him to begin work upon the subject of his thesis; and the Board of the Faculty may require, if it thinks fit, attendance at a course or courses of linguistic study. Every non-graduate studying for the degree of M.A. under Ordinance 2 (b), shall, in any case, be required to attend satisfactorily a course of study to be approved by the Board of the Faculty in a subject other than that to which his thesis belongs.

2. Applicants for admission under Ordinance 2 (b) will be required to submit written work as part of the evidence of competence asked for. They may also be required to submit to oral or other examination.

3. (i.) All subjects of theses which are to be presented for the degree of Master must be submitted to the Board of the Faculty of Arts for approval not later than the Michaelmas term preceding the date on which the theses are to be presented.

The Board of the Faculty may, in considering any subject proposed for a thesis by a candidate proceeding to the degree under Ordinances 1 (a) (i.) and 1 (a) (iii.), impose, as a condition of its approval, the attendance on some approved course of further instruction in the University.

- ii. Candidates intending to proceed to the degree of Master under Ordinance 1 (a) (i.), 1 (a) (ii.) (b), 1 (a) (iii.), 2 (a) or 2 (b) (i.e., by theses alone), must

*Either*

Pay the required fees not later than March 1st, and notify the Registrar by that date of the titles

of their theses. These theses must be presented *Regulations* not later than April 30th.

Or

Pay the required fees not later than June 1st and notify the Registrar by that date of the titles of their theses. These theses must be presented not later than September 15th.

- (iii.) Candidates intending to proceed to the degree of Master under Ordinance 1 (a) (ii.) (a), or 1 (b) (i.e., by examination and thesis), must pay the required fees not later than March 1st, and must notify the Registrar by that date of the titles of their theses. The theses must be presented not later than April 30th.

Form of Notice may be obtained from the Registrar.

For Exemption Fee, see page 351.

4. Candidates are required to present two copies of the thesis submitted in support of an application for the degree of M.A. and also to present therewith two copies of an abstract (not more than 500 words in length) of the thesis. These copies will be retained by the University.

5. Except by special permission of the Faculty, no thesis may be submitted before April 30th following the year in which the candidate has either obtained a B.A. with Honours or passed the qualifying examination described in Ordinance 1 (a) (ii.) (a).

#### SUBJECTS OF STUDY AND EXAMINATION UNDER ORDINANCE 1 (a) ii. (a).

*Greek or Latin or Greek and Latin.*

(1) Greek or Latin.

- i. The subjects prescribed for the Honours School of Greek or of Latin, save that a specified portion of the texts prescribed for either of these Schools may be omitted, and that candidates need not offer more than one of the subjects enumerated under (7) and (8) of the Honours regulations.

- ii. A thesis on some special part of the subject offered.

Candidates who take Latin for the degree of M.A. and who have taken no course in Greek, are required either (a) to substitute for a certain number of Latin books the subject matter of the Elementary course in Greek, or (b) to substitute either for a larger number of Latin books or for the subject chosen from paragraphs (7) and (8) of the regulations for Classical Honours, the subject matter of the Intermediate course in Greek.

regulations

(2) *Greek and Latin.*

- i. Books prescribed year by year selected from the following authors :
  - (a) Homer, the Greek Dramatists, Thucydides, and Plato or the Greek Orators.
  - (b) Plautus or Lucretius, Vergil, Horace, Cicero, and Livy or Tacitus.
- ii. Greek and Roman History, as in the Intermediate Examination in Ancient History.
- iii. Unprepared translation from Greek and Latin.
- iv. Greek and Latin prose composition.
- v. A thesis on some special part of the subject offered.

Candidates must have completed at least one course in Ancient History.

Candidates may therefore take any *one* of the four following alternatives :

1. *Greek.* The subjects (somewhat reduced in amount) of the Third Year Greek Honours Examination, with *one* of the subjects enumerated in paragraphs 7 and 8 of the regulations for the Honours School of Greek.
2. *Latin.* The subjects of the Third Year Latin Honours Examination, with exemption from a portion of the prescribed texts, part of this exemption being given as an allowance for the course in Elementary Greek. Candidates who have not previously taken a course in Greek are required to satisfy the Examiners in (1) Elementary Greek Grammar, (2) An easy Greek text, (3) the re-translation into Greek of simple English sentences.
3. *Latin with Intermediate Greek.* (a) The subjects (somewhat reduced in amount) of the Third Year Latin Honours Examination, (b) Greek Translation at sight from Greek into English, Greek Grammar, with the Translation of simple English passages or sentences into Greek, two Greek texts, one prose and one verse. This Greek subject may be offered as a substitute *either* for the one subject which would otherwise have to be taken from those enumerated in paragraphs 7 and 8 of the regulations for Latin Honours, *or* for a larger portion of the prescribed texts than that from which candidates under (2) are exempted.
4. *Greek and Latin with Greek and Roman History.*
  - a. Greek and Latin as for the Preliminary Honours Examination.

- (b) Ancient History as in the Intermediate course in Regulations.  
Ancient History, unless that examination has been already passed.

In any alternative a candidate must present a thesis on some special part of the subject offered.

### *History.*

- (1) General questions on Ancient History.  
General questions on Mediæval History.  
General questions on Modern History.  
Candidates must offer one of these papers, but may offer more if they so desire.
- (2) General questions in British History.
- (3) Two papers on a special subject to be selected from a list approved by the Board of the Faculty.
- (4) An oral examination if required by the Examiners.
- (5) A thesis connected with the special subject studied under (3).

Candidates may, with the special permission of the Board of the Faculty, present a thesis on another subject.

### *English Language and Literature.*

#### *Either A. Mainly Literary—*

- (1) Outlines of English Literature.
- (2) History of Literary Theory.
- (3) Translation from specified and unspecified Old and Middle English Books, with questions relating to Literature, History, and Institutions. (Two papers.)
- (4) A period of English Literature, with specified books. (Two papers.)
- (5) A thesis.

#### *Or B. Mainly Linguistic—*

- (1) Gothic.
- (2) History of the English Language.
- (3) Translation from specified and unspecified Old and Middle English Books, with literary and linguistic questions bearing on them. (Two papers.)
- (4) A period of English Literature, with specified books. (Two papers.)
- (5) A thesis.

*Examinations French Language and Literature.*

- (1) Translation from English into French together with an Essay in French on a subject relating to French Literature, History or Institutions.
- (2) Translation from unspecified Modern French texts.
- (3) Translation and explanation of specified Old French texts, with literary and linguistic questions arising out of them.
- (4) The History of the French Language.
- (5) A special period of French Literature subsequent to 1600, with certain specified authors or works.
- (6) A special subject, as in (9) of the regulations for the Honours School of French Language and Literature.
- (7) A thesis on some special part of the subject offered.

The examination will consist of six papers and of an oral test.

In (3) and (5) the Old French Texts and the period of literature will be the same as those prescribed for the Preliminary Honours Examination and for the Final Honours Examination respectively of that year.

*Examinations German Language and Literature.*

- (1) Translation from English into German, and the writing of an Essay or Essays in German on subjects relating to German Literature, History, or Institutions.
- (2) Translation from unspecified Modern German texts.
- (3) Translation and explanation of specified Modern German texts, with literary and linguistic questions bearing upon them.
- (4) Outlines of the History of German Language and Literature.
- (5) Lessing, Goethe, and Schiller.
- (6) Specified and unspecified Middle High German texts, with literary and linguistic questions bearing upon them.
7. A thesis on some special part of the subject offered.

The examination will consist of six papers (three hours each) and an oral examination, including a test in Phonetics.

*Philosophy.*

- (1) Any
- two*
- of the following :

Logic.

Psychology.

Ethics.

The History of Ancient or Modern Philosophy (provided these have not been already offered in the course of study for the B.A.).

- (2) Questions of General Philosophy.

- (3)
- One*
- of the following :

A special author, as prescribed for Honours.

A special subject, as prescribed for Honours (if the subjects have not entered into the course for the B.A. already).

An approved special subject.

- (4) A thesis on some part of the subjects offered.

*Psychology.*

- (1) Experimental Psychology, theoretical and practical.

- (2) Advanced General Psychology.

- (3) Industrial Psychology.

- (4) Comparative and Abnormal Psychology.

- (5) Scientific Method.

- (6) Logic,
- or*
- History of Modern Philosophy,
- or*
- Political Philosophy,
- or*
- any other Philosophical subject approved by the Board of the Faculty.

*Economics, Politics, and Modern History.**I. Economics.*Candidates for the degree of M.A. in *Economics*

- (1) must take the following subjects in the Honours School :

*Either A :—*

1. Advanced Economics (two papers).

2. Public Economics and Finance (one paper).

3. Economic History (one paper).

4. Geography (one paper).

*or B :—*

Three of the papers in the subjects enumerated above, and

5. A special subject in Economics or Economic History (two papers).

- (2) must present a thesis on some special part of the subjects offered.



HONOR

II. *Politics*

Candidates for the degree of M.A. in *Politics* must present the following :

- (1) Political Science (two papers).
- (2) Public Administration (one paper).
- (3) and (4) Any *two* of the following :—
  - (i.) Public Economics and Finance (one paper).
  - (ii.) Elements of English Law (one paper).
  - (iii.) Moral and Political Philosophy (one paper).
  - (iv.) Modern History (one paper).
- (5) A thesis on some special part of the subjects offered.

III. *Modern History*.

Candidates for the degree of M.A. in *Modern History* must present the following :

- (1) General questions on Modern History.
- (2) General questions in British History.
- (3) Two papers on a special subject to be selected from a list approved by the Board of the Faculty.
- (4) An oral examination if required by the Examiners.
- (5) A thesis connected with the special subject studied under (3).

Candidates may, with the special permission of the Board of the Faculty, present a thesis on another subject.

*Oriental Studies.*

- (1) Translation from English into a selected Oriental language.
- (2) Translation into English from unspecified texts.
- (3) Translation from specified texts, with textual, philological, and exegetical questions arising out of them.
- (4) Outlines of Oriental History.
- (5) History of the Literature of the selected language and Philology of the selected language.
- (6) A special subject, chosen from the special subjects prescribed for the Honours School of Oriental Studies.
- (7) A thesis on some special part of the subject offered.

In (1) to (6) the standard of proficiency required will be that of the Final Examination of the Honours School of Oriental Studies.

Candidates may, however, offer two languages, in which case the standard of proficiency in each will be that of the Preliminary Examination of the same school.

The examination will consist of six papers. In (3), if one language be offered, the texts will be those prescribed for one of the languages in the Final Honours Examination (with the exclusion, in the case of Hebrew, of (a), (d), and (e) : if two languages be offered, the texts will be those prescribed for two of the languages in the Preliminary Honours Examination.

#### *Russian.*

Candidates for the degree of M.A. in *Russian* must satisfy the Examiners in the papers set for the Final Examination in the Honours School of Russian.

#### *Geography.*

Candidates for the degree of M.A. in *Geography* must offer the following subjects :

- (1) The General and Regional Geography of the World.
- (2) A specified subject or region (which must not have been offered at the Special stage).
- (3) A thesis normally treating of the geography of a selected district, the area of which shall be approximately that of a sheet of the 1-inch Ordnance Survey. The thesis should be based on map studies and field observations.
- (4) Cartographical study of selected regions and the representation of land-forms.

There will be two papers on each of subjects (1) and (2), an essay on a geographical subject set in the Honours School of Economics and Political Science, and an oral and practical examination.

### **Degree of Doctor of Letters.**

See general note as to theses, page 399.

NOTE.—Applications must be sent to the Registrar and fees paid to the Bursar not later than January 31st of the year in which the candidate wishes to proceed to the degree. The fee is £15. 15s., of which £10. 10s. must be paid on application for the degree and the balance of £5. 5s. on graduation. For each application after the first an additional fee of £10. 10s. must be paid.

1. The degree of Doctor of Letters is conferred by the University on persons who shall be deemed by the Senate, after considering a report from the Board of the Faculty, to have produced work of high distinction constituting a substantial, sustained, and original contribution to knowledge or scholarship.

2. The degree of Doctor of Letters may be conferred on all persons who have been admitted to the degree, other than Honorary, of Master, or of Doctor of Philosophy, in the University.

Applications for the degree of Doctor of Letters shall be made in writing to the Registrar, and shall include a statement and copies of the contributions to knowledge or scholarship on

regulation which the applicant's claims to the degree are based. Candidates must submit two copies, either printed or typewritten, of any unpublished work which they wish to be taken into consideration, and one of these copies shall remain in the possession of the University.

### **Diploma In Geography.**

- ordinances
1. There shall be a Diploma in Geography.
  2. The Diploma shall be awarded to candidates who have
    - (i.) After graduation in this or any other approved University attended the prescribed courses extending over at least one year; and
    - (ii.) Satisfied the Examiners in the examination prescribed, and presented a satisfactory thesis on an approved subject.

regulations Candidates for the Diploma in Geography must offer :

- 1 and 2. The General and Regional Geography of the World.
- 3 and 4. A specified subject or region (which must not have been offered at the Final Special stage).
5. An essay.
6. An oral and practical examination
7. A thesis normally treating of the geography of a selected district, the area of which shall be approximately that of a sheet of the 1-inch Ordnance Survey. The thesis should be based on map studies and field observations.

The thesis under 7 may be presented in the year of the examination or in a subsequent year.

Papers 2, 3, and 4 shall be the same as the papers in Geography set in the Honours School of Economics and Political Science, and 5 shall be the essay on a geographical subject set in the Honours School.

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## **Syllabus of Classes.**

The full syllabus of classes and details of the lecture courses in the Faculty of Arts are given in the Prospectus of the Faculty.

The list of Fellowships, Scholarships, Exhibitions, and Prizes is given below (page 690).

## Set Books, Periods, and Subjects for Degree Courses.

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### FACULTY OF ARTS.

#### I. Courses for the Ordinary B.A. Degree in 1933-34.

GREEK. *Intermediate* : Demosthenes, *Conon* and *Callicles* ; Euripides, *Medea* (or for those intending to take Hellenistic *General* and *Special*, Plato, *Apology*).

*General* : Thucydides iv., ch. 1—101 ; Euripides, *Troades*.

*Special* : As for General, with Homer, *Iliad* i., *Odyssey* ix.—xi.

HELLENISTIC GREEK. *General* : (a) *The Story of Exodus* (*Exodus* i.—xv. ; *Conybeare and Stock Selections from LXX.* ; (b) *Wisdom of Solomon*, i.—ix. ; (c) *Selections from Papyri* (Milligan) ; (d) Plutarch, *Life of Sulla*.

*Special* : As for General, with the addition of Epistle to the Hebrews.

LATIN. *Intermediate* : Vergil, *Aeneid* i. ; Livy xxi., cc. 16—56.

*General* : Horace, *Epistles* i. (omitting 15, 17, 18) ; Tacitus, *Historiae* i., cc. 1—56.

*Special* : Horace and Tacitus as for General ; Apuleius, *Cupid and Psyche* (as in Butler's ed.).

ENGLISH LITERATURE. *Intermediate* : Chaucer, *Prologue to the Canterbury Tales* and *The Pardoner's Tale* ; Shakespeare, *Henry IV.*, Parts i. and ii., *Macbeth*, *Winter's Tale* ; *The Book of Job* ; Milton, *Sonnets*, *Samson Agonistes* ; Dryden, *Absalom and Achitophel* i. ; Swift, *Gulliver's Travels* ; Pope, *Essay on Criticism* ; Johnson, *Lives of Milton and Dryden* ; Wordsworth and Coleridge, *Lyrical Ballads* ; Carlyle, *Past and Present* ; Browning, *Men and Women* ; Hardy, *The Mayor of Casterbridge* ; Palgrave, *Golden Treasury* (additional Poems).

*General* (A) : Literary History, 1550—1660 ; Spenser, *Shepherd's Calendar*, *Four Hymns* ; Sidney, *Astrophel and Stella*, *Apology for Poetry* ; Drayton, *Minor Poems* (Oxford Press) ; Shakespeare, *Venus and Adonis*, *Love's Labour's Lost*, *Julius Caesar*, *Othello* ; Dekker, *Shoemaker's Holiday* ; Beaumont and Fletcher, *A King and no King* ; Jonson, *The Alchemist* ; Bacon, *Selections* (ed. Matheson, Clarendon Press) ; *Characters of the Seventeenth Century* (ed. Nichol Smith, Oxford Press) ; Milton, Poems written before 1660.

**General (B) :** The works of Spenser, Shakespeare, and Milton in the foregoing list, together with Shakespeare, *Hamlet*, *Antony and Cleopatra*; Spenser, *Faerie Queene* i.—ii.

Candidates who are permitted to take IV. (ii.) in lieu of the normal General course: II. A will find a list of the prescribed texts under texts prescribed for the Honours School of English Language and Literature.

**Special :** Shakespeare.

**ENGLISH LANGUAGE. General (A) :** Chaucer, *Nonne Prestes Tale*, *Clerekes Tale*, and the texts prescribed under English Literature, **General (A)**; Bradley's *Making of English*.

**General (B) :** Sweet, *Anglo-Saxon Reader*, selections i., ii., iv., ix., xxi., xxvi.; Sisam, *Fourteenth Century Verse and Prose*, selections ii., iii., v., vi., viii., xi., xii., xv., xvii.

**Special (A) :** the texts prescribed under English Literature **Special (A)**, and the language of Shakespeare, with a special study of *Julius Caesar* in the spelling of the first folio.

**Special (B) :** Sweet, *Anglo-Saxon Reader*, selections vi., vii., viii., xvi., xvii., xviii., xix., xx., xxii., xxv.; Chaucer, *Parlement of Foules*, *The Frankeleyns Tale*; *Piers Plowman*, prologue, passus i., ii.

**FRENCH. Intermediate :** *Les Provinces de la France* (ed. Howard, Harrap & Co.); Pailleron: *Le Monde où l'on s'ennuie* (ed. Mansion, Harrap & Co.).

**General :** Chateaubriand: *Atala*, *René*, *Le Dernier Abencérage* (ed. Dent & Co.); Mérimée: *Chronique du Règne de Charles IX.* (ed. Baker, Oxford Press); Balzac: *Le Père Goriot* (Coll. Nelson); Flaubert: *Madame Bovary* (ed. Charpentier).

**Special :** Rousseau: *Extraits*, pp. 66—91 and 360—377 (ed. Brunel, Hachette & Cie); Chateaubriand: as for **General**; Mérimée: as for **General**; Balzac: as for **General**; Flaubert as for **General**.

**GERMAN. Intermediate I. (i.) :** Kotzebue, *Der gerade Weg der beste* (Blackie); Keller, *Die drei gerechten Kammacher* (Harrap).

**Intermediate I. (ii.) :** Bithell, *A Modern German Course* (Methuen); Eichendorff, *Aus dem Leben eines Taugenichts* (Heath).

**General :** Hebbel, *Tagebücher*, *Gyges und sein Ring*; Schiller, *Die Braut von Messina*; *Über naive und sentimentalische Dichtung*; Mörike, *Gedichte*.

**Special :** As under **General**, with addition of Hans Sachs *Selections* (ed. Kinzel); Luther, *Sendbrief vom Dolmetschen* (ed. Neubauer).

- ITALIAN.** *Intermediate* : Pancrazi e De Robertis, *I Moderni* ; Wilkins and Marinoni, *L'Italia* (Univ. of Chicago Press).  
*General* : Dante, *La Divina Commedia* ; Pancrazi e De Robertis, *I Moderni* ; Falqui e Vittorini, *Scrittori Nuovi*.  
 Period of Literature : Italian Literature from 1375 to the present time.  
*Special* : Dante, *La Divina Commedia* ; Poliziano, *Orfeo*, *Le Rime* ; Ariosto, *Orlando Furioso* ; Machiavelli, *Il Principe*.
- RUSSIAN.** *Intermediate* : Tolstoy, *Family Happiness*.  
*General* : Turgenev, *Zapiski Ohotnika*.  
*Special* : Gogol ; *Revizor*.  
 Period of Literature : Gogol and Bielinsky.
- SPANISH.** *Intermediate* : Benavente, *Los intereses creados* (Harrap) ; Bolívar, *Address to the Venezuelan Congress* (Cambridge Univ. Press).  
*General* : J. Montero Alonso, *Antología de poetas y prosistas españoles* ; Azorín, *Al margen de los clásicos* (Longmans).  
 Period : Outlines of Spanish Literature.  
*Special* : Lope de Vega, *El remedio en la desdicha* ; Tirso de Molina, *El burlador de Sevilla* ; Calderón, *La vida es sueño* and *El mágico prodigioso*.  
 Period : The drama of the Golden Age, with special reference to the works of Calderón.
- HEBREW.** *Intermediate* : *The Book of Ruth*.  
*General* : Genesis xxiv.—xxx. and Amos, to be studied with reference to textual criticism.  
 Period of Hebrew History and Literature : 761—701 B.C.  
*Special* : See Semitic.
- ARABIC.** *Intermediate* : The Classical texts in Thatcher's *Arabic Grammar*.  
*General* : The texts in Thatcher's *Arabic Grammar*, pages 345—357 ; Qur'án, xii.
- SEMITIC.** *Special* : A. (a) Isaiah i.—xxvii. with  
 (b) *either* (1) Psalms i.—xxxiv ; or (2) the Classical texts in Thatcher's *Arabic Grammar* ; or (3) the Syriac texts in Roediger's *Chrestomathia Syriaca*, pages 1—15, 60—68 and  
 (c) the History of Israel political and literary, from 701 to 600 B.C.  
 B. (a) Assyrian texts : As in Deimel's *Textus Cuneiformes*, with  
 (b) the History of the First Babylonian Dynasty.

**POLITICAL ECONOMY.** *General*: Organisation and Administration of Industry.

*Special*: Public Economics and Finance: Adam Smith, *Wealth of Nations*, Book V.; Report of Committee on National Debt and Taxation, 1927; Interim and Final Reports of the Cunliffe Committee, 1918 and 1919; Report on the Currency and Bank of England Note Issues, 1925; Report of the Committee on Industry and Finance, 1931.

**PUBLIC ADMINISTRATION.** *Special*:

Central Government: Fourth Report of the Royal Commission on the Civil Service, 1914, Cmd. 7338; Report of the Royal Commission on the Civil Service, 1931, Cmd. 3909; Report of the Imperial Conference, 1931; Report of the Machinery of Government Committee, 1918 (reprinted, 1925) Cmd. 9230; The War Cabinet's Report for the year 1917, Cmd. 9005; The Statute of Westminster 22 G.V., c. 4; Report of the Committee on Ministers' Powers, 1932, Cmd. 4060; The Whitehall series of monographs on Government Departments.

Local Government: The 48th Annual Report of the Local Government Board: First, Second and Final Reports of the Royal Commission on Local Government, 1925—1929, Cmd. 2506, 3213 and 3436; Minutes of Evidence, ditto, Parts I., II., V., VII., IX., XII., and XIV.; Memo on the Local Government Bill, 1928 (1929), Cmd. 3273.

**GEOGRAPHY.** *Intermediate*: (1) Outlines of World Geography. (2) Regional studies of the British Isles and Europe.

*General*: A geographical study of America.

*Special*: (1) The Monsoon Lands of Asia. (2) Geographical aspects of present-day world-problems.

**ANCIENT HISTORY.** *Intermediate*: Outlines of Greek and Roman History to 133 B.

*General*: (1) Oriental History. Either (a) outlines of the history of Western Asia, with special reference to the history of Israel and Babylonia and Assyria from 722 to 539 B.C.; or (b) the history of Egypt from the Nineteenth Dynasty (inclusive) to 70 A.D., i.e., from 1350 B.C. to 70 A.D., together with the outlines of the history of Israel.

(2) Greek History. 600—460 B.C.

(3) Roman History. 133 B.C. to 251 A.D.

*Special*: (1) Oriental History. A detailed study from original sources of (a) the history of Babylonia and Assyria from 722 to 539 B.C., together with (b) the contemporary history of Israel.

(2) History of Britain. 43—211 A.D. Texts: Tacitus, *Agriicola*. Selected passages from Tacitus, *Annals*, *Histories*; Suetonius, *Vitae Caesarum*; *Scriptores Historiae Augustae*; *Itinaria Antiqua*; Anonymus Ravennas. Cassius Dio; Ptolemy; Herodian (in translations). Select inscriptions.

**MEDIEVAL HISTORY.** *Intermediate* : Outlines of Medieval History, 251—1494.

*General* : Medieval British History (including Constitutional), 55 B.C. to 1485 A.D.

**MODERN HISTORY.** *Intermediate* : Outlines of Modern History 1494—1815.

*General* : (1) Outlines of General Modern History, 1815—1914. (2) Modern British History (including Constitutional).

*Special* : English History, 1689 to 1714.

*Special History* : *Set Books* : (a) Relevant Statutes and cases in Grant Robertson's *Select Constitutional Documents*. (b) Evelyn's *Diary* for 1688—1705. (c) Richard Baxter, *Last Treatise* (ed. F. J. Powicke). (d) Trevelyan, *Select Documents for Queen Anne's Reign*. (e) Swift, *The Journal to Stella*. (f) The Harley papers for 1714 in *Portland MSS.* Vol. V.

**ECCLESIASTICAL HISTORY.** *General* : (a) General Church History from the beginning to the end of the tenth century, (b) General Church History from the eleventh century.

**ECONOMIC HISTORY.** *General* : English Economic History from 1700

**PHILOSOPHY.** *General* : Outlines of General Philosophy. Plato, *Republic* : Russell, *Problems of Philosophy*.

**HISTORY OF ANCIENT PHILOSOPHY.** *General* : Burnet, *Early Greek Philosophy*; Plato, *Selected Dialogues*; Aristotle, *Metaphysics*, Book i.

*Special* : As for General, with special study of Plato, *Theaetetus*.

**HISTORY OF MODERN PHILOSOPHY.** *General* : Descartes, *Discourse, Meditations*; Locke, *Essay*; Berkeley, *Principles of Human Knowledge*; Leibniz, *Monadology, etc.* (Latta's Selections); Hume, *Treatise of Human Nature*; Kant, *Selections* (Greene).

*Special* : As for General, with special study of Kant, *Critique of Pure Reason*.

**ETHICS.** *General* : *Socratic Discourses by Plato and Xenophon* (Everyman's Library); Butler, *Sermons*; Kant, *Fundamental Principles*; Moore, *Principia Ethica*; Carritt, *Theory of Morals*.

*Special* : As for General, together with *British Moralists* (Clarendon Press, 2 vols., ed. Selby-Bigge).

**POLITICAL PHILOSOPHY.** *General*. (i.) (Theory). Aristotle, *Politics*; Hobbes, *Leviathan*; Locke, *Civil Government*, part ii.; Rousseau, *Social Contract*. (ii.) (Government). Mill, *Representative Government*; Bagehot, *English Constitution*; Bryce, *Modern Democracies*.



## II. Courses for the Ordinary B.A. Degree in 1934-35.

**GREEK.** *Intermediate* : Plato, *Euthyphro* ; Aeschylus, *Persae* (or for those intending to take Hellenistic *General* and *Special*, *Thucydides* i.).

*General* : Aeschylus, *Septem* ; Plato, *Protagoras*.

*Special* : Aeschylus, *Septem* ; Aristophanes, *Knights* ; Demosthenes, *Crown* ; Homer, *Iliad* i., *Odyssey* xi.

**HELLENISTIC GREEK.** To be announced later.

**LATIN.** *Intermediate* : Horace, *Odes* i. 1—4, 9—12, 20, 22, 24, 37, 38 ; ii. 1—3, 6, 7, 10—20 ; Cicero, *Pro Marcello*, *Pro Ligario*, *Pro Rege Deiotaro*.

*General* : Cicero in his *Letters* (Tyrrell), Nos. 40—78 ; Juvenal and Martial, selections in A. C. B. Brown's *Latin Literature of the early Empire*, Part A, pp. 106 ff. and Part B.

*Special* : Cicero and Juvenal as for *General* ; Catullus i.—v., x., xii., xiv., xxii., xxxi., xlv., lxiv., lxxvi., lxxxiv., lxxxv., ci.

**ENGLISH LITERATURE.** *Intermediate* : Chaucer, *Prologue to the Canterbury Tales* and *Nonne Preestes Tale* ; Shakespeare, *Richard III.*, *Twelfth Night*, *King Lear* ; Bacon, *Essays* ; Milton, *Paradise Lost* i.—iv., *Tract on Education* ; Bunyan, *Pilgrim's Progress* ; Dryden, *Macflecknoe* ; Swift, *Tale of a Tub* ; Pope, *Rape of the Lock* ; Johnson, *Rasselas* ; Hazlitt, *Spirit of the Age* ; Keats, *Poems published in 1820* ; Carlyle, *Sartor Resartus* ; Tennyson, *Poems published in 1842* ; Methuen, *Anthology of Modern Verse*.

*General* (A) : Literary History, 1660—1760 ; *Metaphysical Poetry* (ed. Grierson) ; Milton, *Paradise Regained*, *Samson Agonistes* ; Dryden, *Spanish Friar*, *Don Sebastian*, *Essay of Dramatic Poesy* ; Butler, *Hudibras*, Book i. ; Congreve, *Way of the World*, *Mourning Bride* ; Otway, *Venice Preserved* ; Browne, *Hydriotaphia* ; Swift, *Tale of a Tub* ; Pope, *Windsor Forest*, *Epistle to Arbuthnot* ; Fielding, *Amelia* ; Smollett, *Roderick Random* ; *Poems of Johnson*, Goldsmith, Gray, and Collins (Muses Library, Routledge).

*General* (B) : The works of Milton, Dryden, Congreve, and Fielding in the foregoing list, together with Milton, *Paradise Lost*, Books i.—iv. ; Prior, *Poems* (Muses Library) ; Richardson, *Pamela*.

Candidates who are permitted to take IV. (ii.) in lieu of the normal *General* course (II. A) will find a list of the prescribed texts under texts prescribed for the Honours School of English Language and Literature.

*Special* : Shakespeare.

**ENGLISH LANGUAGE.** *General* (A) : Chaucer, *Nonne Preestes Tale*, *Clerkes Tale*, and the books prescribed for literary study ; Bradley, *The Making of English*.

*General* (B) : Sweet, *Anglo-Saxon Reader*, i., ii., iv., ix., xxi., xxvi. ; Sisam, *Fourteenth Century Verse and Prose*, ii., iii., v., vi., viii., xi., xii., xv., xvii.

*Special (A)* : The literary texts prescribed ; and the language of Shakespeare, with a special study of *Julius Caesar* in the folio spelling.

*Special (B)* : Sweet, *Anglo-Saxon Reader*, vi., vii., viii., xvi., xvii., xviii., xix., xx., xxii., xxv. ; Chaucer, *Parlement of Foules*, *The Frankeleyns Tale* ; *Piers Plowman*, Prologue, Passus i., ii.

FRENCH. *Intermediate* : Maupassant, *Contes Choisis* (Harrap) ; La Bruyère, *Caractères* (Harrap) ; *Les cent meilleurs Poèmes* (Gowans and Gray).

*General* : Lamartine, *Poèmes Choisis* (Manchester Univ. Press), pp. 1—33 ; Vigny, *Poèmes Choisis* (Manchester Univ. Press) ; Victor Hugo, *Poèmes Choisis* (Manchester Univ. Press), pp. 1—122 ; Musset, *Poèmes Choisis* (Manchester Univ. Press), pp. 1—92.

Period of Literature : La poésie romantique.

*Special* : Lamartine, *Poèmes Choisis* (Manchester Univ. Press) ; Vigny, *Poèmes Choisis* (Manchester Univ. Press) ; Victor Hugo, *Poèmes Choisis* (Manchester Univ. Press), pp. 1—160 ; Musset, *Poèmes Choisis* (Manchester Univ. Press).

Period of Literature : As for General.

GERMAN. *Intermediate I (i.)* : Keller, *Romeo und Julia auf dem Dorfe* (Heath) ; Heine, *Die Harzreise*.

*Intermediate I. (ii.)* : Bithell, *A Modern German Course* (Methuen) ; Heyse, *L'Arrabiata* (Heath).

*General* : Hauptmann, *Der Narr in Christo, Vor Sonnenuntergang* ; Schiller, *Wallenstein* ; Storm, *Gedichte*.

*Special* : As under General, with the addition of Luther, *An den christlichen Adel* (ed. Kinzel) ; *Kunst- und Volkslied der Reformationszeit* (ed. Kinzel).

ITALIAN. To be announced later.

RUSSIAN. *Intermediate* : L. Tolstoy, *A Prisoner of the Caucasus*.

*General* : Pushkin, *Eugenii Onegin*, chapters i., ii., iii.

*Special* : Griboyedov, *Gore ot uma*.

Period of Literature : Ostrovsky's Dramatic Works.

SPANISH. *Intermediate* . Julio Camba, *La rana viajera* (Harrap) ; Fernando de Arteaga, *Petrona, and other stories* (Longmans).

*General* : J. Montero Alonso, *Antología de poetas y prosistas españoles* (Madrid) ; Azorín, *Al margen de los clásicos* (Longmans).

Period : Outlines of Spanish Literature.

*Special* : Garcilaso de la Vega, *Obras* (Clásicos Castellanos) ; Luis de León, *Poetas originales* (Madrid) ; *Las cien mejores poesías* (London ; Gowans and Gray).

Period : Spanish poetry from 1500 to 1700.

HEBREW. *Intermediate*: The *Book of Ruth*.

*General*: Genesis xii.—xviii., xx.—xxii., and *Amos*, to be studied with reference to textual criticism.

Period of Hebrew History and Literature: 761—701 B.C.

*Special*: See Semitic.

ARABIC *Intermediate*: The Classical texts in Thatcher's *Arabic Grammar*.

*General*: The texts in Thatcher's *Arabic Grammar*, pp. 345—357; *Qur'an*, xii.

SEMITIC. *Special*: A. (a) Isaiah i.—xxvii., with (b) either (1) *Psalms* i.—xxxiv.; or (2) the Classical texts in Thatcher's *Arabic Grammar*; or (3) the Syriac texts in Roediger's *Chrestomathia Syriaca*, pp. 1—15, 60—68, and

(c) The history of Israel, political and literary, from 701 to 600 B.C.

B. (a) Assyrian texts: As in Deimel's *Textus Cuneiformes*, with

(b) The History of the First Babylonian Dynasty.

POLITICAL ECONOMY. As for 1933-34.

PUBLIC ADMINISTRATION. As for 1933-34.

GEOGRAPHY. As for 1933-34.

ANCIENT HISTORY. *Intermediate*: As for 1933-34.

*General*: (1) Oriental History: either (a) Outlines of the History of Western Asia, with special reference to the History of Israel and Babylonia and Assyria from 885—722 B.C.; or (b) The history of Egypt from the Nineteenth Dynasty (inclusive) to 70 A.D., i.e., from 1350 B.C. to 70 A.D. together with the outlines of the history of Israel.

(2) Greek History. As for 1933-34.

(3) Roman History. As for 1933-34.

*Special*: (1) Oriental History: A detailed study from original sources of (a) the History of Babylonia and Assyria, 885—722 B.C., together with (b) the contemporary history of Israel.

(2) History of Britain. As for 1933-34.

MEDIEVAL HISTORY. As for 1933-34.

MODERN HISTORY. As for 1933-34.

ECCLESIASTICAL HISTORY. As for 1933-34.

ECONOMIC HISTORY. As for 1933-34.

PHILOSOPHY. As for 1933-34.

HISTORY OF ANCIENT PHILOSOPHY. As for 1933-34.

HISTORY OF MODERN PHILOSOPHY. As for 1933-34.

ETHICS. As for 1933-34.

POLITICAL PHILOSOPHY. As for 1933-34.

### III. Courses for the B.A. Degree with Honours.

#### Honours School of Classics.

##### COURSE ENDING IN 1934.

###### GREEK.

Homer, *Iliad* vi., x., \*xxii., xxiv.; Aeschylus, *Agamemnon*, *Choephori*; Sophocles, *Electra*; Euripides, *Electra*; Aristophanes, *Birds*; \*Greek Lyric and Bucolic Poetry, *Oxford Book of Greek Verse*, Nos. 274—290, 497—504; Demosthenes, *Olynthiacs* and \**Private Speeches* (Paley and Sandys, Vol. i.); Plato, *Republic* ii., iii., \*x.; Aristotle, *Poetics*; Thucydides iii.; Herodotus i.

For special literary study: Aeschylus, *Choephori*; Sophocles, *Electra*; Euripides, *Electra*; Aristotle, *Poetics*.

##### PRELIMINARY HONOURS EXAMINATION, 1934.

Homer, *Iliad* i., *Odyssey* xi.; Euripides, *Troades*; Demosthenes, *Conon* and *Callicles*; Plato, *Phaedo*; Aristophanes, *Frogs*; Xenophon, *Anabasis* i.—vi.

##### COURSE ENDING IN 1934.

###### LATIN.

\*Plautus, *Rudens*; \*Lucretius v.; Catullus i—5, 12, 14, 22, 26, 31, 34, 49, 51, 62, 64, 84, 93, 101; Virgil, *Eclogues* i., iv., ix., *Aeneid* vi.—xii.; Horace, *Epistles* ii., including *Arvs Poetica*; \*Lucan v.; Juvenal, Martial, and Petronius (as in A. C. B. Brown's *Latin Literature of the Early Empire*); \**Carmina Latina Epigraphica*, Fasc. i., selections; Cicero, \**Pro Murena*, \*Letters (as in Tyrrell's *Cicero in his Letters*); Livy xxii.; \*Tacitus, *Annals* iv.

For special literary study: Virgil, *Aeneid* vi.—xii.

##### PRELIMINARY HONOURS EXAMINATION, 1934.

Cicero, *Pro Archia*, *Pro Marcello*; Virgil, *Aeneid* i., vi., xii., Horace, *Satires* i. 1, 3, 4, 5, 6, 9, 10; Livy ix.; Tacitus, *Historiae* i.

##### COURSE ENDING IN 1935.

###### GREEK.

Homer, *Iliad* vi., xviii., \*xxii., xxiv.; Aeschylus, *Agamemnon*, *Septem*; Sophocles, *Oedipus Coloneus*; Euripides, *Phoenissae*; Aristophanes, *Plutus*; \*Greek Lyric and Bucolic poetry; *Oxford Book of Greek Verse*, Nos. 274—290, 497—504; \*Antiphon, *On the murder of Herodes*; \*Isocrates, *Areopagiticus*; \*Hyperides, *Funeral Oration*; Lycurgus, *Against Leocrates*; Lysias, *against Eratosthenes*; Plato, *Republic* ii., iii., \*x.; Aristotle, *Poetics*; Thucydides iii.; Herodotus i.

For special literary study: Aeschylus, *Septem*; Sophocles, *Oedipus Coloneus*; Euripides, *Phoenissae*; Aristotle, *Poetics*.

##### PRELIMINARY HONOURS EXAMINATION, 1935.

Homer, *Iliad* i., *Odyssey* xi. Aeschylus, *Septem*; Demosthenes, *Crown*; Aristophanes, *Knights*; Xenophon, *Anabasis* i.—vi.

## COURSE ENDING IN 1935.

## LATIN.

As for 1934 with alteration of the prescribed portion of Virgil as follows ;  
*Eclogues* i., iv., v., vi., ix., x., *Georgics*.

For special literary study : Virgil, *Eclogues* i., iv., v., vi., ix., x.,  
*Georgics* i., ii., iv.

## PRELIMINARY HONOURS EXAMINATION, 1935.

As for 1934 with substitution of *Georgics* ii. for *Aeneid* xii.

## Honours School of Greek.

## COURSE ENDING IN 1934.

As for Honours School of Classics, omitting Herodotus i. and  
 Thucydides iii.

## PRELIMINARY HONOURS EXAMINATION, 1934.

Homer, *Iliad* i., *Odyssey* i.—xii. ; Aeschylus, *Septem c. Thebas* ;  
 Sophocles, *Oedipus Tyrannus* ; Euripides, *Troades* ;  
 Aristophanes, *Frogs* ; Thucydides ii., iv., vii. ; Plato, *Meno* ;  
 Demosthenes, *Conon* and *Callicles*.

## COURSE ENDING IN 1935.

As for Classics without Herodotus iii., Thucydides iii.

## PRELIMINARY HONOURS EXAMINATION, 1935.

Homer, *Iliad* i., *Odyssey* i.—xii. ; Aeschylus, *Septem* ; Sophocles,  
*Oedipus Tyrannus* ; Euripides, *Troades* ; Aristophanes,  
*Knights* ; Thucydides iv. ; Plato, *Gorgias* ; Demosthenes,  
*Crown* ; Herodotus i.

## Honours School of Latin.

## COURSE ENDING IN 1934.

Special attention will be paid to the books preceded by an asterisk.

Plautus, *Captivi*, \**Rudens* ; \*Lucretius v. ; Catullus 1—5, 12, 14,  
 22, 26, 31, 34, 49, 51, 62, 64, 84, 93, 101 ; Virgil, *Eclogues*  
 i., iv., ix. ; *Aeneid* vi.—xii. ; Horace, \**Epistles* ii.,  
 including *Ars Poetica* ; \*Lucan v. ; Selections from \**Carmina*  
*Latina Epigraphica* (ed. Buecheler, Fasc. I., Teubner) ; Juvenal,  
 Martial, and Petronius (as contained in A. C. B. Brown's *Latin*  
*Literature of the Early Empire*) ; Cicero, \**Pro Murena*, *Pro*  
*Roscio Amerino* ; Tyrrell's \**Cicero in his Letters* ; Livy xxii. ;  
 Tacitus, \**Annales* iv., *Agricola*.

For special literary study, Virgil, *Aeneid* vi.—xii.

Period of Roman History : The Roman Empire under Augustus,  
 29 B.C.—14 A.D. Prescribed texts : Suetonius, *Augustus* ;  
 Cassius Dio, Books 51—55 ; Velleius Paterculus, Book ii., capp.  
 89—124 ; *Monimentum Ancyranum* ; Selected passages from  
 (a) Pliny, *Natural History* ; (b) Strabo ; (c) the Augustan Poets ;  
 (d) Tacitus, *Annales* ; Selected Inscriptions.

Candidates under Regulation A. 9 (c) will omit in LATIN: Plautus, *Captivi*; Virgil, *Eclogues* i., iv., ix.; Juvenal in BROWN, Part A., pp. 1—76; Cicero, *Pro Roscio Amerino*; Tacitus, *Agricola*; and substitute in GREEK; Homer, *Odyssey* vi.—viii.; Thucydides iv. (cc. 1—100); Sophocles, *Electra*; Plato, *Gorgias*.

#### PRELIMINARY HONOURS EXAMINATION, 1934.

Cicero, *Pro Archia*, *Pro Marcello*; Virgil, *Aeneid* i., ii., vi., xii.; Horace, *Odes* ii., iii., *Satires* i. 1, 3, 4, 5, 6, 9, 10; Livy ix.; Tacitus, *Historiae* i.

#### COURSE ENDING IN 1935.

As for 1934, with the following alteration: for the works of Virgil mentioned substitute *Eclogues* i., iv., v., vi., ix., x.; *Georgics*.

For special literary study: Virgil, *Eclogues* i., iv., v., vi., ix., x.; *Georgics* i., ii., iv.

#### PRELIMINARY HONOURS EXAMINATION, 1935.

As for 1934.

### Honours School of English Language and Literature.

#### PART I. HONOURS EXAMINATION 1934.

Under A. 2: *Beowulf*, lines 1—1060; Sweet's *Anglo-Saxon Reader*, selections i., ii., iv., vi., vii., viii., ix., x., xiv., xvi., xxi., xxii., xxv., xxvi., xxix.; Wright, *Elementary Old English Grammar*; Emerson, *Middle English Reader*, pages 1—8, 35—47, 181—191, 197—203; *The Owl and the Nightingale*; Wright, *Elementary Middle English Grammar*.

Under A. 3: *Pearl*, stanzas 1—51; Chaucer, *The Parlement of Foules*, *Troilus and Criseyde*, *The Frankeleyns Tale*, *The Nonne Prestes Tale*; *Piers Plowman*, prologue, passus i.—iii.

Under A. 5: A (1550—1660) \**Elizabethan Lyrics* (ed. Ault, Longmans); \*Spenser, *Shepherd's Calendar*, *Four Hymns*, *Prothalamion*, *Faerie Queene* vi., *Familiar Letters*; Sidney, *Astrophel and Stella*; \*Shakespeare, *Venus and Adonis*; \**Metaphysical Poetry* (ed. Grierson, Oxford Press); Marlowe, *Faustus*; \*Jonson, *Every Man in His Humour*, *Alchemist*, *Sejanus*; Beaumont and Fletcher, *Knight of the Burning Pestle*, *A King and No King*; \*Webster, *The Duchess of Malfi*; \**Shorter Novels, Elizabethan and Jacobean* (Everyman Library); Bacon, *History of the Reign of Henry VII.*; Hooker, *Ecclesiastical Polity* i.

B. (1660—1760). Milton, *Paradise Regained*, *Samson Agonistes*; *Seventeenth Century Lyrics* (ed. Ault, Longmans); Dryden, *The Spanish Friar*, *Don Sebastian*, *Religio Laici*, *The Hind and the Panther*, *Essay of Dramatic Poesy*; Butler, *Hudibras* i.; Congreve, *The Way of the World*; Wycherley, *The Plain Dealer*; Browne, *Hydriotaphia*; Swift, *Tale of a Tub*; Pope, *The Dunciad*; *Minor Poets of the Eighteenth Century* (Everyman); Fielding, *Tom Jones*; Johnson, *Rasselas*, *The Rambler* (Selections, Oxford Univ. Press); *Eighteenth Century Poems* (Percy Reprints, Blackwell); *Poems of Goldsmith and Gray* (Muses Library, Routledge).

The books marked with an asterisk in list A. 5 A. above are the prescribed texts for candidates taking the course IV. (ii.) in lieu of II. A.

## PART II. HONOURS EXAMINATION, 1934.

## PART II.A.

*Under 2* : Sweet's *Anglo-Saxon Reader*; *Beowulf*, *Finnsburg Fragment*, *Widsith*; Harmer, *English Historical Documents*.

*Under 3* : *Pearl*, 52—101; *Sir Gawain and the Green Knight*; *The Lay of Havelock the Dane*; Hall, *Early Middle English*, selections vi., ix., xi., xiii., xv., xxi.; Emerson, *Middle English Reader*, pages 126—134, 150—175, 215—219; Henryson, *Testament of Cresseid*.

*Under 4* : As for Part II.B., 1934, under 4.

*Under 6* : As a one-year subject: Selections from the Gospel of St. Mark in Wright's *Gothic Grammar*.

As a two-year subject: Wright's *Gothic Grammar* (with selections); *Sheireins*.

*Under 7* : As a one-year subject: Gordon, *Introduction to Old Norse*, selections i., iii., xiii.; *Hrafnkels saga Freysgoða*.

As a two-year subject: as preceding with the addition of *Bandamanna Sæga* and *Gisla Saga Súrssonar*.

## PART II.B.

*Under 1* : *Beowulf* 1250—1887 (and the subject-matter of 1888—3182); *The Anglo-Saxon Chronicle*, 979 to 1066; *Sir Gawain and the Green Knight*; *Pearl*, stanzas 52—101; Gower, *Jason and Medea*; Henryson, *The Testament of Cresseid*.

*Under 4* : Southey, *Lives of Wesley and Nelson*; Cowper, *The Task*, *Letters* (World's Classics ed.); Blake, *Poetical Sketches*; Burns, *Poems* 1786; Wordsworth, *Poems* (Golden Treasury ed., Macmillan); Keats, *Odes and Sonnets*; Shelley, *The Cenci*, *Defence of Pity*; Byron, *Poems* (World's Classics ed.); De Quincey, *Recollections of the Lake Poets* (Everyman ed.); Crabbe Robinson, *Blake* etc. (Manchester Univ. Press); Scott, *Redgauntlet*, *Guy Mannering*; Austen, *Emma*; Lamb, *Letters* (Everyman ed.); Hazlitt, *On the English Comic Writers*.

*Under 6* : Shakespeare or The Novel, 1700—1850 or English Literature, 1860—1900 or The Middle English Lyrics or The English Language, 1575—1675, with special reference to Shakespeare and Milton.

*Under 6 (b)* : As under Part II.A. 7.

## PART I. HONOURS EXAMINATION, 1935.

*Under A 2* : As for 1934.

*Under A 3* : As for 1934.

*Under A 5* : A 1550—1610. \**Pre-Shakespearean Comedy and Pre-Shakespearean Tragedy* (Everyman ed. 2 vols.); \*Jonson, *Alchemist*; Beaumont and Fletcher, \**King and no King*, *Knight of the Burning Pestle* (Belles Lettres series); Webster, *Duchess of Malfi*; \**Elizabethan Lyrics* (ed. Ault, Longmans); Spenser, *Complaints*, *Colin Clouts Come Home Again*, *Astrophel*, \**Amoretti*, *Epithalamion*, \**Faerie Queene*, Books i., ii.; Spenser-Harvey *Correspondence* (Spenser, Oxford Press); Shakespeare, *Rape of Lucrece*, *Sonnets*; \**Metaphysical Poetry* (ed. Grierson, Oxford Press); \**Ascham, Scholemaster*; Lodge, *Rosalynde*; Greene, *Growth of Wit and Repentance*; Jonson, *Discoveries*; Browne, \**Idyllic Medici and Urn Burial*.

B. (1660—1760). Milton, *Paradise Regained*, *Samson Agonistes*, *Seventeenth Century Lyrics* (ed. Ault, Longmans); Dryden, *Astraea Redux*, *Annus Mirabilis*, *Threnodia Augustalis*, *Religio Laici*; *Restoration Plays* (Everyman Edition); Pope, *Essay on Man*, *Imitations of Horace*; Walton, *Lives*; Swift, *Journal to Stella*; Gay, *Poems* (Oxford Press); Richardson, *Pamela*; Fielding, *Joseph Andrews*; Steele, *Selections from Tatler, etc.* (O.U.P.); Thomson, *Seasons*; *Eighteenth Century Plays* (Everyman Edition); *Poems of Gray and Collins* (Muses Library, Routledge).

The books marked with an asterisk in list A. 5 A above are the prescribed texts for candidates taking the course IV. (ii.) in lieu of II. A.

## PART II. HONOURS EXAMINATION, 1935.

### PART II.A.

*Under 2* : As for 1934.

*Under 3* : As for 1934.

*Under 4* : As for Part II.B., 1935, under 4.

*Under 6* : As for 1934.

*Under 7* : As for 1934.

### PART II.B.

*Under 1* : As for 1934.

*Under 4* : Johnson, *Lives of the Poets*; Blake, *Songs of Innocence*; Crabbe, *The Village*; Wordsworth, *Prelude*, *Lyrical Ballads*; Keats, *Hyperion*, *Letters*; Shelley, *Poems* (G. T. Selection); Byron, *Dramatic Works*; Scott, *Heart of Midlothian*; Austen, *Pride and Prejudice*; Peacock, *Novels*; Landor, *Selections* (G. T.); Jeffrey, *Literary Criticism* (Oxford Press); De Quincey, *Literary Criticism* (Oxford Press).

*Under 6* : Shakespeare or The Novel, 1700—1850 or English Literature, 1860—1900 or The Middle English Lyrics or The English Language, 1575—1675, with special reference to Shakespeare and Milton.

*Under 6 (b)* : As under Part II.A. 7.

## Honours School of French Studies.

### COURSE ENDING IN 1934.

*Under A. 4* : L. Clédât, *Chrestomathie du moyen âge*, pages 136—246 and 352—382; *Aucassin et Nicolette* (ed. Bourdillon); *Gormont et Isembart* (ed. Bayot, Classiques français du moyen âge).

*Under A. 7* : Darmesteter et Hatzfeld, *Morceaux choisis des écrivains du XVI<sup>e</sup> siècle*.

*Under A. 8* : Period of Literature : The French novel in the XIXth Century in connection especially with the following texts :—Chateaubriand, *Atala* (Dent); Mme. de Staël, *Corinne* (Nelson); B. Constant, *Adolphe* (University Press); V. Hugo, *Quatre-Vingt-Treize* (Nelson); A. de Vigny, *Stello* (Nelson); Mérimée,



*Chronique . . . de Charles IX.* (Nelson); Stendhal, *Le Rouge et le Noir* (Larousse); G. Sand, *La petite Fadette* (Oxford Press); Balzac, *Les Chouans* (Calman-Lévy); Daudet, *Lettres de mon Moulin* (Macmillan); Fromentin, *Dominique* (Plon); Flaubert, *L'Education sentimentale* (Nelson).

#### SPECIAL SUBJECTS.

To be announced later.

#### PRELIMINARY HONOURS EXAMINATION, 1934

*Under C. 3 : (a) (11) : L. Clédat, Chrestomathie du moyen âge*, pp. 136—246 and 325—382; *Aucassin et Nicolette* (ed. Bourdillon); Darmesteter et Hatzfeld, *Morceaux choisis des écrivains du XVI<sup>e</sup> siècle* (prose part).

#### COURSE ENDING IN 1935.

*Under A. 4 : L. Clédat, Chrestomathie du moyen âge*, pages 136—246 and 325—382; *Aucassin et Nicolette* (ed. Bourdillon); *La Chanson de Roland* (Bibliotheca Romanica 53, 54).

*Under A. 7 : Darmesteter et Hatzfeld, Morceaux choisis des écrivains du XVI<sup>e</sup> siècle* (Delagrave).

*Under A. 8 : Period of Literature : Realism in the French Novel from Balzac to Proust in connection especially with the following texts : Balzac, César Birotteau ; Stendhal, Lucien Leuwen ; Flaubert, Madame Bovary ; J. and E. de Goncourt, Renée Mauperin ; A. Daudet, Fromont jeune et Risler aîné ; Zola, Les Rougon-Macquart (Extraits) ; A. France, Histoire contemporaine ; L. Frapié, La Maternelle ; R. Boylesve, L'enfant à la balustrade ; C.-L. Philippe, La mère et l'enfant ; M. Audoux, Marie-Claire ; M. Proust, Le côté de Guermantes.*

#### SPECIAL SUBJECTS.

To be announced later.

#### Honours School of German Language and Literature.

##### PART I. (1934).

*Under subject 3 : Wright, Old High German Primer* (selections); *Meier Helmbrecht*; *Der Winsbeke*; *Nibelungenlied* (ed. Bartsch or Sievers).

*Under subject 4 : Huns Sachs* (ed. Kinzel); *Luther, Sendbrief vom Dolmetschen* (ed. Neubauer); *Goethe, Götz von Berlichingen, Werther, Faust I., Iphigenie auf Tauris, Torquato Tasso, Egmont, Wilhelm Meisters theatralische Sendung*; *Herder, Selections*; *Lessing, Minna von Barnhelm, Emilia Galotti, Nathan der Weise, Die Erziehung des Menschengeschlechts*; *Keller, Der grüne Heinrich.*

##### PART II.A. (1934).

*Under subject 5 : Braune, Althochdeutsches Lesebuch* (selections); *Naumann, Höffisches Lesebuch* (selections); *Hartmann von Aue, Der arme Heinrich*; *Der Winstock*; *Meier Helmbrecht*; *Das Nibelungenlied* (ed. Bartsch or Sievers).

*Under subject 6 : Hans Sachs, Selections* (ed. Kinzel).

Under subject 8 : Wright, *Grammar of the Gothic Language* (with selections) or *Heliand* (selections) or Gordon, *Introduction to Old Norse*, i., ii., iii., vi., xiii., xiv.; *Voluspá*; *Þrymskviða* *Atlakviða*; *Hrafnkels saga*; *Freysgoða*.

Under subject 9 : Goethe, *Faust I.*; Schiller, *Wallenstein*; Schopenhauer, *Die Welt als Wille und Vorstellung* ii., iv.; Nietzsche *Selections*; Hebbel, *Agnes Bernauer*, *Die Nibelungen*.

#### PART II.B. (1934).

Under subject 7. Lessing, *Emilia Galotti*\*; Herder, *Von deutscher Art und Kunst*\*; Schiller, *Kabale und Liebe*, *Über naive und sentimentalische Dichtung*, *Über die ästhetische Erziehung des Menschen*, *Wallenstein*; Bürger, *Gedichte*; Breul, *The Romantic Movement in Germany*; Wackenroder, *Herzensergiessungen eines kunstliebenden Klosterbruders*; Novalis, *Selections*; Fr. Schlegel, *Fragmente*, *Lucinde*.

Under subject 8 : Fichte, *Reden an die deutsche Nation* (selections)\*; Kleist, *Prinz Friedrich von Homburg*, *Michael Kohlhaas*\*; Brentano\*, Eichendorff\*, Uhland\*, *Selected Poems*\*; Hoffmann, *Die Elixiere des Teufels*, *Nachtstücke*\*; Heine, *Die Romantische Schule*, *Zur Geschichte der Religion und Philosophie in Deutschland*; Werner, *Der 24. Februar*\*; Schopenhauer, *Die Welt als Wille und Vorstellung* ii., iv.; Nietzsche, *Selections*; Grillparzer, *Das goldene Vlies*, *König Ottokars Glück und Ende*; Hebbel, *Agnes Bernauer*, *Die Nibelungen*; Hauptmann, *Die versunkene Glocke*.

Under subject 9 : Goethe, *Gedichte* (selections); Götz von Berlichingen, *Werther*, *Faust I. and II.*, *Wahlverwandtschaften*, *Wilhelm Meister (Lehrjahre und Wanderjahre)*; Eckermann, *Gespräche mit Goethe*.

Texts marked \* are for less detailed study.

#### PARTS I. AND II. (1935).

To be announced later.

### Honours School of Italian Studies.

#### PART I. (1934).

Under A. 4 : Piccioni, *Da Prudenzio a Dante*; Petrarca, *Rime*; Machiavelli, *Il Principe*; Manzoni, *I Promessi Sposi*; Leopardi, *I Canti*.

Under A. 8 : Croce, *Autobiografia*; Serra, *Esame di coscienza*; D'Annunzio, *Le Laudi* (volume III.).

#### PART II. (1934).

Under A. 5 : Monaci, *Crestomazia Italiana*; Piccioni, *Da Prudenzio a Dante*.

Under A. 7 : Dante, *La Vita Nuova*, *Le Rime*, *Il Purgatorio*.

Under A. 10 : Special subject : Courtesy books and social customs in sixteenth-century Italy.

**Honours School of Russian Language and Literature.**

To be announced later.

**Honours School of Spanish Studies.****PART I. (1934).**

*Under A. 4* : Ford, *Old Spanish Readings* (Ginn) ; *Poema de Mio Cid*, lines 1—1876 (ed. Menéndez Pidal ; Clásicos Castellanos) ; *Letter of the Marquis of Santillana* (ed. Pastor and Prestage ; Oxford University Press).

**PART II. (1934).**

*Under A. 4* : *Poema de Mio Cid* (Clásicos Castellanos) ; Juan Ruiz, *Libro de buen amor* (Clásicos Castellanos) ; Juan Manuel, *El conde Lucanor*.

*Under A. 8* : The drama of the Golden Age with special reference to the works of Calderón.

**PART II. (1935).**

*Under A. 4* : *Poema de Mio Cid* (Clásicos Castellanos) ; *Poema de Fernán González* (ed. Marden ; Baltimore, The Johns Hopkins Press) ; Juan Manuel, *El conde Lucanor*.

*Under A. 8* : Spanish poetry from 1500 to 1700.

**SPECIAL SUBJECTS.**

- (i.) The principles of Romance Philology, or an approved branch of Romance Grammar.
- (ii.) The Spanish Epic.
- (iii.) The Old Spanish Ballads.
- (iv.) Modern Spanish Poetry.

**Honours School of Oriental Studies.****COURSE ENDING IN 1934 AND 1935.****A. To be taken by all candidates.****(i.) LANGUAGES.**

1. Hebrew and the elements of Semitic philology in relation to Hebrew.
2. *Either* Aramaic, or Assyrian or Arabic ; and the elements of Semitic Philology in relation to *either* Aramaic, or Assyrian, or Arabic

**(ii.) TEXTS.**

1. Hebrew : (a) I. Samuel ; (b) Isaiah i.—xxvii., Amos ; (c) Psalms i.—xxxiv. ; (d) Pirke Abhōth, Mishn. Megillah ; (e) Commentary of Rashi on Genesis xx.—xxxix.
2. *Either* Aramaic : (a) Onkelos on Genesis ; The Targum of Jonathan on Isaiah i.—xxxix. ; (b) Matthew v.—xx. in the Syriac Versions ; (c) *Apostolika*, Acts of the Apostles, Syriac text (ed. W. Wright), pp. 172—251.  
*Or* Assyrian : (a) The Annals of Sennacherib (first three campaigns). The Annals of Ashur-bani-pal (first three campaigns) ; (b) The Code of Hammurabi §§ 6—25, 53—58, 112—126, 196—227 241—282 ; (c) The Creation Tablets.

Or Arabic: (a) The selections in Brünnow's *Chrestomathy*; *el-Fakhri*, pages 163—264 (Alilwardt's ed.); (b) *Koran*, Suras 3, 93, 96, 101, with the Commentary of Baidawi on 3, 1—139; (c) Noeldeke's *Delectus Carminum Arabicorum*, Nos. 65 (page 36), 93 (page 55), 158 (page 92), 164 (page 110); Hariri, *Mahama*, i.

### (iii.) HISTORY AND LITERATURE.

*Either* 1. Hebrew and Aramaic: to 70 A.D.

*Or* 2. Hebrew and Assyrian: the outlines in each case to 538 B.C.

*Or* 3. Hebrew and Arabic: the outlines of the history of Israel to 538 B.C.; the Rise of Islam and the Omayyad period.

### B. Departments for Special Study: One to be selected.

#### LANGUAGE.

1. Hebrew, including the history of its study; comparative Semitic Grammar.

2. *Either* Aramaic *or* Assyrian, including the script at various epochs, and some knowledge of the progress of the study hitherto.

*Or* Arabic, including the elements of the Modern Egyptian dialect.

#### LITERATURE.

1. Hebrew: The period from Amaziah to the fall of Jerusalem under Nebuchadnezzar; especially the reformation under Josiah.

2. *Either* Aramaic: to the seventh century A.D.; *or* Assyrian: period of later Assyrian empire; Creation myth; Gilgamesh epic; and other selections; *or* Arabic: down to 1000 A.D.

#### HISTORY.

*Either* 1. Hebrew and Aramean: (1) the period of Hebrew and Aramean history from 722 to 539 B.C. to be studied in connection with the original sources; and (2) in relation to the Assyro-Babylonian history of the same period.

*Or* 2. Hebrew and Assyrian: the period of (1) Hebrew and of (2) Assyro-Babylonian history from 722 to 539 B.C., studied in connection with the original sources.

*Or* 3. Hebrew and Arabic: (1) the history of Israel from the earliest times to 886 B.C., studied in connection with the original sources; (2) Arabian history to the death of el-Mamun.

#### ANTIQUITIES.

1. Hebrew Antiquities: Subjects in Benzinger's *Hebräische Archäologie* with special reference to the period of the monarchy.

2. *Either* Assyrian Antiquities: Subjects in Morris Jastrow's *Civilization of Babylonia and Assyria*, cc. i., ii., vi., vii., viii.

*Or* Arabic Antiquities: down to 1000 A.D., including the pre-Islamic period.

#### RELIGION.

1. Hebrew: The period of Hebrew religion from the earliest times to 440 B.C. to be studied in connection with the original sources.

2. *Either* Assyrian: Subjects in Jastrow's *Religion of Assyria and Babylonia*, studied in connection with original sources.

*Or* Arabic: Subjects in Houtsma, "Der Islam," in Chantepie de la Saussaye's *Religionsgeschichte*.

## PRELIMINARY HONOURS, 1934 AND 1935.

## HEBREW AND ASSYRIAN.

- (a) I. Samuel and Amos in Hebrew ; (b) Assyrian texts (a) and (b) ;  
(c) outlines of the history of Israel, and of the history of  
Babylonia and Assyria to 538 B.C.

## PRELIMINARY HONOURS, 1934 AND 1935.

## HEBREW AND ARAMAIC.

- (a) I. Samuel and Amos in Hebrew ; (b) Matthew v.—xx. in the  
Syriac Versions ; Onkelos on Genesis ; (c) outlines of the history  
of Israel to 70 A.D.

**Honours School of Economics, Politics, and Modern History.**

## SPECIAL SUBJECTS FOR 1933—1934

**POLITICAL ECONOMY :**

Economic Structure of Great Britain.

**ECONOMIC HISTORY :**

British Economic History, 1830—1848

**GEOGRAPHY :**

America.

## SPECIAL SUBJECTS FOR 1934—1935

**POLITICAL ECONOMY :**

Current Problems of Industry and Finance

**ECONOMIC HISTORY :**

As for 1933—1934.

**GEOGRAPHY :**

Africa.

**Honours School of Geography.**

## PART I. (1934).

Prescribed regions : America.

Monsoon lands of Asia.

## PART I. (1935).

Prescribed regions : Africa.

Eastern Europe and Northern Asia.

**Honours School of History.**

## COURSE ENDING IN 1934.

*No books are prescribed but the following are recommended, from which  
candidates are to select according to their special interests :*

Plato, *Republic* (Jowett's or Lindsay's Translation) ; Aristotle, *Politics*  
(Jowett's Translation, ed. H. W. C. Davis) ; St. Thomas  
Aquinas, *Summa Theologica* (selection) ; Dante, *De Monarchia*,  
Books i. and iii. (Wicksteed's translation) ; Marsilius of Padua,  
*Defensor pacis* (ed. Previte Orton), Dictio I. (selection) ;  
Hobbes, *Leviathan* ; Locke, *Civil Government*, Part ii. ;  
Rousseau, *Contract Social* ; Adam Smith, *Wealth of Nations*,  
(ed. Cannan, Books i, iv.) ; J. S. Mill, *Liberty, Representative  
Government, and Principles of Political Economy*, ed. Ashley  
(selection) ; Dicey, *Law and Opinion, Law of the Constitution* ;  
Bryce, *Modern Democracies* ; E. Cannan, *Review of Economic  
Theory*.

*Under A. 7* : Special periods and subjects :—(1) The Transition to the Roman Empire, 59 B.C. to 37 A.D. The Empire under Augustus, 29 B.C.—14 A.D.; (2) The Period of the Conciliar Movement, 1378—1448; (3) The Eve of the American Revolution. The early reign of George III., 1760—1775; (4) The Age of Economic Reform. British Economic History, 1830—1848.

COURSE ENDING IN 1935.

As for 1934.

#### Honours School of Philosophy.

1933—1934.

Special author under Regulation A. 7 : Kant.

1934—1935.

Special author under Regulation A. 7 : Kant.

#### IV. M.A. Examination.

GREEK, 1934.

Homer, *Iliad* vi., xxii., xxiv.; Aeschylus, *Agamemnon*; Sophocles, *Oedipus Tyrannus*; Euripides, *Electra*; Aristophanes, *Clouds*; Plato, *Republic* ii.—iv.

1935

As for 1934.

LATIN, 1934.

Plautus, *Rudens*; Catullus i—5, 12, 14, 22, 26, 31, 34, 49, 51, 62, 64, 84, 93, 101; Virgil, *Georgics* ii., *Aeneid* vi.—xii.; Horace, *Epistles* ii. (including *Ars Poetica*); Cicero, *Pro Murena*; Tyrrell's *Cicero in his Letters*; Livy xxii.; Tacitus, *Annals* iv.

For special literary study: Virgil, *Aeneid* vi. xii.

Candidates who take the Intermediate Examination in Greek as part of their qualification will be excused the following Latin Books: Virgil, *Georgics* ii.; Horace, *Ars Poetica*; Cicero in *his Letters*, xvii.—xxvi., lxii.—lxxx.

1935.

As for 1934, with the following alteration in the Virgil: *Eclogues* i., iv., v., vi., ix., x.; *Georgics*.

For special literary study: Virgil, *Eclogues* i., iv., v., vi., ix., x.; *Georgics* i., ii., iv.

#### ENGLISH LANGUAGE AND LITERATURE.

1934.

##### A. MAINLY LITERARY.

*Under 3* : As for Part II.B. Honours Examination, 1934, under 1.

*Under 4* : As for Part I. Honours Examination, 1934, under A. 5.

1935.

*Under 3* : As for Part II.B. Honours Examination, 1935, under 1.

*Under 4* : As for Part I. Honours Examination, 1935, under A. 5.

#### FRENCH.

1934.

As for Preliminary Honours, 1934, under C. 3 (a) (ii.) and Final Honours, 1934, under A. 8.

1935.

As for Preliminary Honours, 1935, under C. 3 (a) (ii.) and Final Honours, 1935, under A. 8.

## GERMAN.

1934.

As for the Honours School of German under Part II.A., subject 5 (omitting *Althochdeutsches Lesebuch*), and Part II.B., subject 7.

1935.

To be announced later.

## HEBREW.

1934 and 1935.

As for the Honours School of Oriental Studies course ending in 1934 and 1935, with the omission of (a), (d), and (e) from the prescribed texts.

## ASSYRIAN.

1934 and 1935.

As for the Honours School of Oriental Studies course ending in 1934 and 1935, with the omission of (c) from the prescribed texts.

## HEBREW AND ARAMAIC.

1934 and 1935.

HEBREW: As for the Honours School of Oriental Studies course ending in 1934 and 1935, with the omission of I. Samuel, and Amos, and of (d) and (e) from the prescribed texts.

ARAMAIC: (a) Onkelos on Genesis i.—xxxv.; (b) Matthew v.—xx. in the Syriac Versions.

## HEBREW AND ASSYRIAN.

1934 and 1935.

HEBREW: As for Hebrew and Aramaic.

ASSYRIAN: The texts for the Honours School of Oriental Studies with the omission of (c).

## GEOGRAPHY.

1934.

A special region prescribed for Part I. of the Honours School of Geography, and the study of (i.) geographical aspects of world problems, (ii.) one other course, to be announced later, prescribed for Part II. of the Honours Examination.

1935.

As for 1934.

## HISTORY.

1934.

*Under 3:* Any of the special subjects prescribed for Part II. of the Honours School of History; or British History, 1689—1714.

In addition to the books prescribed for Modern History III, the period may be studied in the following: Feiling, *History of the Tory Party, 1660—1714*; Coxe, *Shrewsbury Correspondence*; *The Portledge Papers* (ed. Kerr and Duncan); N. Luttrell, *Historical Relations of State Affairs*; Corr., *Letters and Correspondence of Dolingbroke*; Bull, *The Correspondence of Jonathan Swift*.

1935.

As for 1934.

## Facilities for Advanced Study in the Faculty of Arts.

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Research students have at their command four large libraries, which to a great extent supplement one another. Included in the University library are the private libraries of Bishop Prince Lee (mainly local history and classics), Professor Freeman (Mediaeval History, History of Switzerland, History of the Low Countries, etc.), Professor John Strachan (Celtic Languages and Comparative Philology), Professor Stanley Jevons (Economics, especially Monetary Science and Banking), Professor R. Adamson (Philosophy, especially Logic, Psychology and Metaphysics), Dr. R. C. Christie (Bibliography, works printed at the Lyons presses of Dolet and Gryphius, etc.), and Professor Muirhead (Law). To these must be added the Hager and Hicks Collections of treatises and dissertations on Greek Law and Epigraphy, and the collection formed by the late W. T. Arnold, bearing upon the history of Rome, more especially Roman Provincial Administration.

The munificently endowed John Rylands Library, with which is incorporated the famous Althorp Library formed by the second Earl Spencer, is rich in special collections of literature. It contains one of the most important collections of early printed books in existence, the most complete collection ever formed of the works printed by the Aldine Press at Venice, a remarkable series of Bibles, both manuscript and printed, a collection of editions of the text and of the literature of Dante, which includes some five thousand volumes brought together by Count Passerini, and upwards of ten thousand pamphlets dealing with the Civil War, the Popish Plot, the Revolution of 1688, etc. The Crawford collection of Oriental and Western manuscripts, numbering about seven thousand, and including many Egyptian, Greek, and Coptic papyri, was bequeathed to the library by the late Mrs. Rylands, and these manuscripts are thus readily accessible to scholars who may wish to consult them for purposes of special research. The library is also strong in Theology, History, Philosophy, Philology, and Classics. There is an excellent collection of works for the study of Greek and Latin palæography, an extensive bibliographical section, and a series of current historical, theological, and philological periodicals, such as can hardly be found elsewhere in the country outside London. Among its recent acquisitions is a complete series of inventories of the French departmental archives. It is always willing to purchase books which are required for the needs of a student investigating subjects within its field of work.

In the ancient Chetham Library will be found some mediæval manuscripts, including the best text of the *Flores Historiarum*, extensive manuscript collections for the history of Lancashire and



Cheshire, and most of the books printed in the seventeenth and eighteenth centuries which are of permanent value to the scholar, including great works of reference like the *Acta Sanctorum* of the Bollandists and *Gallia Christiana*. It also comprises many thousand volumes of more modern literature, largely historical, and additions are constantly being made. The Municipal Reference Library is very valuable for books published during the last hundred years and for English periodicals.

Special short courses of lectures on subjects of interest to advanced students are given from time to time, and are open to all members of the University. The various University Societies afford opportunities for the reading and criticism of papers and for visiting places and sites of historical, architectural, and archæological interest under expert guidance. An Excavation Committee of the local branch of the Classical Association, of which the Professors of Latin and Ancient History and the Lecturer on Classical Archæology are members, in recent years uncovered a portion of the Roman station at Ribchester, near Preston, and it is proposed to undertake similar work on other sites. Facilities will be given to properly qualified students to follow the work as it proceeds.

A comprehensive catalogue of all the books on Architecture available in public institutions in Manchester has been drawn up. It represents the books in the Library of the Society of Architects, the Chetham Library, the Municipal Free Library, the Rylands Library, and the Libraries of the Municipal School of Art, the Municipal College of Technology, the Whitworth Institute, and the University.

For particulars as to research degrees and fees, see page 352.

For fuller particulars as to advanced study, see the special prospectus.

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# The Faculty of Science.

## DEGREE COURSES.

Students proposing to study for the degree of B.Sc. are required to pass the Matriculation Examination or to obtain a certificate of exemption before entrance.

**Special additional requirements are now enforced in the case of students entering upon undergraduate courses in the Faculty of Science. These requirements are given in full on page 334.**

Candidates for the ordinary degree must pass in addition the Intermediate and Final Examinations of the University after attending on courses of study in accordance with the regulations stated below.

Students should pass the Intermediate Examination either at the end of the first or second year of study, and the Final Examination either at the end of the third year of study or by special permission of the Board of the Faculty at the end of the second year of study. Students who have passed the Final Examination at the end of the second year are required to devote the third year to an approved course of study.

No medical student who is a candidate also for the degree of B.Sc. is allowed to proceed to the Final B.Sc. Examination unless, after passing the Intermediate Examination, he devotes himself for at least one year exclusively to the specified subjects of the Final Examination for the degree of B.Sc.

1. The degrees in this Faculty are Bachelor of Science (B.Sc.), <sup>Ordinances</sup> Master of Science (M.Sc.), and Doctor of Science (D.Sc.).

### **Degree of Bachelor of Science.\***

2. The degree of Bachelor of Science is conferred upon students of the University who have attended in the University the courses of study approved by the University, and have passed the examinations appointed by it for the ordinary degree of Bachelor of Science, or for the degree of Bachelor of Science with Honours. Honours are granted to students of the University who have passed through a regular course in the University in one of the Honours Schools of the University.

3. All candidates for the degree of Bachelor of Science are required to pass the Matriculation Examination.

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\* See general note as to graduation, page 399.

### Ordinary Degree of Bachelor of Science.

**Ordinances** 4. Candidates for the ordinary degree of B.Sc. are required to furnish certificates of having passed through, in the University, a course of study approved by the University extending over at least three academic years subsequent to the date at which they have passed the Matriculation Examination.\*

Students who have passed the Intermediate Examination at the end of their first year of study may, by permission of the Board of the Faculty obtained at the beginning of their second year of study, present themselves for the Final Examination at the end of the second year of study, but they are not permitted to proceed to the degree until they have undertaken, in the University, a further year of study approved by the Senate, which study shall include at least one Science Course. Prior to presentation for a degree they must present a certificate that this further course of study has been diligently pursued.

5. The examination for the ordinary degree of Bachelor (B.Sc.) is divided into two parts, called the *Intermediate* and the *Final Examination*.

6. The Intermediate Examination is held, ordinarily, twice in each calendar year.†

7. Candidates before entering for the Intermediate Examination are required to furnish certificates of having passed the Matriculation Examination, and of having attended a course of study, approved by the University, and extending over at least one academic year, in each of the subjects in which they present themselves for examination, unless exempted for special reasons by the Senate.

8. The names of candidates who have passed the Intermediate Examination are published in a single list, the names being arranged in alphabetical order.

9. The Final Examination is held in June.‡

10. Candidates presenting themselves for the Final Examination for the ordinary degree are required to have passed the Intermediate Examination, and to furnish certificates of having attended in the University a course of study, approved by the University and extending over at least one academic year, in each of the subjects in which they present themselves; they must also satisfy the requirements set out in Ordinance 16, page 500, unless exempted for special reasons by the Senate.

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\* The course of study in any particular year must not average less than ten hours a week throughout the session. Graduates, or persons who have passed the degree examinations of other Universities approved for the purpose, shall be allowed to become candidates for the degree of B.Sc. after a course of study of two years in this University.

† For dates of examination, see page 339, or the Prospectus of the Faculty of Science.

11. The names of candidates who have passed the Final Examination are published in two divisions, the names in each being arranged in alphabetical order.

12. Candidates for the degree of Bachelor of Science with Honours, who have not been awarded Honours in the examination for the degree of Bachelor of Science with Honours at which they have presented themselves, may, if they have in the opinion of the Examiners acquitted themselves sufficiently well in such examination, proceed to the next Final Examination for an ordinary degree of Bachelor of Science without being required to pass the corresponding Intermediate Examination. Such candidates may be excused by the Senate from presenting themselves in those subjects in which they have been reported by the Examiners in the Honours School to have acquitted themselves satisfactorily. See also Ordinance 8 (degree of Bachelor of Science with Honours), page 507.

SUBJECTS OF STUDY FOR THE ORDINARY DEGREE OF  
BACHELOR OF SCIENCE.

**NOTE.**—The Roman figures in brackets are not part of the ordinance, but are inserted to indicate the class or classes in the Syllabus (see Prospectus of the Faculty of Science) applicable to the subject.

INTERMEDIATE EXAMINATION.

13. Candidates presenting themselves for the Intermediate Examination for the degree of Bachelor of Science are required to satisfy the Examiners in *three* of the following subjects, of which at least one must be taken from Group I.:

- |                          |                         |
|--------------------------|-------------------------|
| I. (a) Pure Mathematics. | II. (a) Botany.         |
| (b) Applied Mathematics. | (b) Zoology.            |
| (c) Physics.             | (c) Geology.            |
| (d) Chemistry.           | (d) Elementary Biology. |

Candidates may substitute the papers of the Honours Examination in Mathematics (Part I.) for the papers set in Pure and Applied Mathematics [(a) and (b) above], and, if reported as having reached a satisfactory standard by the Examiners in the Honours School, shall be deemed to have passed the Intermediate Examination in the subjects of Pure and Applied Mathematics.

Candidates taking Mathematics as a subject of the Final Examination who have not attended the Intermediate course in Pure Mathematics are required to attend satisfactorily one additional course approved by the Board of the Faculty.

**Ordinances** Candidates must pass in

either (a) three subjects at the same examination,

or (b) two subjects at one examination and the third subject at any subsequent examination.

Subject to the approval of the Senate, candidates who fail in the Intermediate Examination may be refused admission to any subsequent examination held within a period of six months.

Candidates who are excused one subject of the Intermediate Examination, must pass in the remaining subjects at one and the same examination.

Candidates taking Elementary Biology may not present either Botany or Zoology in addition to Elementary Biology.

Students who have pursued an approved course of study either in the University, or at an approved Institution, in any of the subjects of the Intermediate Examination for the Degree of B.Sc., may, on application to and on the recommendation of the Board of the Faculty of Science, be excused attendance in such subjects.

Candidates may take the first paper in Pure Mathematics in the Final Examination for the Degree of B.Sc. instead of one of the Intermediate papers in Pure Mathematics.

Candidates who present Pharmaceutics as a subject in the Final examination are required to pass the Intermediate examination in

- (i.) Physics.
- (ii.) Chemistry.
- (iii.) Biology.

NOTE.—Students who have passed the First Examination for the Degrees of M.B. and Ch.B. (Parts I, II. (A), and II. (B) ) are excused the Intermediate Examination for the Degree of B.Sc.

**Regulations** The detailed subjects of study for the Intermediate B.Sc. are as follow :

1. *Pure Mathematics* :—

- (1) Elementary Solid Geometry.
- (2) Algebra.
- (3) Plane Trigonometry to Solution of Triangles (inclusive).
- (4) Analytical Geometry of the Straight Line and Circle.
- (5) The Elements of the Calculus.

2. *Applied Mathematics* :—

- (1) Elementary Statics, Dynamics, and Hydrostatics.

3. *Physics* :—

- (1) The Properties of Matter, the chief phenomena of Sound, Heat, Light, Electricity, and Magnetism, treated in an elementary manner.
- (2) Practical Physics.

4. *Chemistry*:—

- (1) Inorganic Chemistry, with special reference to the Non-metals.
- (2) Introduction to Organic Chemistry.
- (3) Practical Chemistry: The qualitative analysis of mixtures which may include inorganic substances and the more common organic acids and salts. Exercises in simple preparations.

5. *Biology*:—

- (1) Animal Morphology.
- (2) Vegetable Morphology, Physiology.
- (3) Laboratory work.

6. *Botany*:—

- (1) Elements of Vegetable Morphology, Anatomy, and Physiology.
- (2) Classification of Flowering Plants.
- (3) Practical work.

7. *Zoology*:—

- (1) Elements of Animal Morphology and Physiology.
- (2) Introduction to the Zoology of Vertebrata.
- (3) Practical work.

8. *Geology*:—

- (1) Elements of Physical Geography.
- (2) Principles of Stratigraphy.
- (3) Practical work.

## FINAL EXAMINATION.

14. Candidates presenting themselves for the Final Examination for the Degree of Bachelor of Science are required to satisfy the Examiners in:

\*1, 2. *Two* of the following:

- i. Pure Mathematics (III.) and Applied Mathematics (B) with practical work.
- ii. Physics (III. and practical work).
- iii. Chemistry (III., IV. (a) and (b) and VI. and practical work).

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\* The numbers in brackets refer to the classes so numbered in the Syllabus of the respective classes (see Prospectus of the Faculty).

## honours

- iv. Zoology (I., II., III., and IV., and practical work).
- v. Botany (Botany I. (first year) and Botany II. and practical work).
- vi. Physiology.
- vii. Geology (I., III.A., IV.A., V., and practical work).
- viii. Psychology (I., II., III.).
- ix. Anatomy.
- x. and xi. Pharmaceutics.
- xii., xiii. Engineering.
- xiv., xv. Electrical Engineering.
- xvi., xvii. Agriculture.\*
- xviii. Metallurgy.
- xix. Geography.

Candidates who present Pharmaceutics for the degree of B.Sc., are required to pass the Final examination in

- (i.) Botany and Pharmacognosy with practical work.
- (ii.) Chemistry with practical work.
- (iii.) Pharmaceutical Chemistry with practical work.
- (iv.) Pharmacy with practical work.

15. Candidates who are Bachelors of Arts and who presented Pure Mathematics or Applied Mathematics at the Final B.A. Examination are not allowed to present Pure and Applied Mathematics, and candidates who are Bachelors of Arts and who presented Philosophy at the Final B.A. Examination are not allowed to present Psychology. Candidates who are graduates of another Faculty and have presented Geography in their Final Examination are not allowed to present Geography for the Final Examination for the Degree of B.Sc.

16. Candidates, before sitting for the Final Examination for the Degree of B.Sc., must present evidence satisfactory to the Board of the Faculty that they can read scientific literature in either French or German, or any other language approved by the Board of the Faculty.

17. Candidates shall not be admitted to the Final Examination until at least one academic year after the completion of the Intermediate Examination.

\*18. (See footnote.)

19. Candidates who have passed the Final Examination for the degree of Bachelor of Science with Honours, may, with the sanction of the Senate, and on furnishing certificates of having

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\* The Ordinances and Regulations for the Degree of B.Sc. in Agriculture are at present suspended. (See *Appendix*, 1931-32, pp. 465-472)

attended during the first year or first and second academic years following such examination for the Honours degree, such courses as may be approved by the Senate, may present themselves for examination in one or more of the subjects for the ordinary degree of Bachelor of Science.

The detailed subjects of examination are :

Regulations

1. i. *Pure Mathematics* :—

- (1) Higher Algebra and Trigonometry.
- (2) The Elements of Projective Geometry, and of Analytical Geometry, plane and solid.
- (3) Differential and Integral Calculus and the Elements of Differential Equations.

ii. *Applied Mathematics* :—

- (1) Statics of a Particle and of a Rigid Body.
- (2) Hydrostatics.
- (3) Dynamics of a Particle and of a Rigid Body.
- (4) The elements of the Theory of Attractions, Elasticity, and Vibrations.

2. *Physics* :—

- (1) Physical Laws and Principles and the experimental evidence on which they are based.
- (2) Practical Examination in the Laboratory.

3. *Chemistry* :—

- (1) General Inorganic and Organic Chemistry, including Chemical Theory.
- (2) Practical Chemistry : including Qualitative Analysis Simple Gravimetric and Volumetric Analysis, exercises in preparations, and the simpler operations in Organic Chemistry.

4. *Zoology* :—

- (1) Animal Morphology.
- (2) Elements of Embryology and of Systematic Zoology.
- (3) Laboratory work.

5. *Botany* :—

- (1) Elementary Tissues of Plants ; Compound Organs of Nutrition and Reproduction.
- (2) Vegetable Physiology.
- (3) Systematic Botany and Elements of Botanical Classification.
- (4) Laboratory work.



ulations 6. *Physiology* :—

- 1 Human, Experimental, and Chemical Physiology, with practical work (General Course, second year).
2. Advanced Physiology (third year).

Candidates not taking Anatomy must take Histology in both years [see under 9].

7. *Geology* :—

- (1) Mineralogy and Petrology.
- (2) Palæontology.
- (3) Stratigraphy.
- (4) Practical work.

All students presenting Geology for their B.Sc. (Ordinary) Examination are required to have attended the Field Excursion during the Easter Vacation during their second or third year.

8. *Psychology* :—

- (1) The Elements of General Psychology (being Psychology as for the Final General B.A.).
- (2) Elementary Anatomy and Physiology of the Central Nervous System and of the sense organs.\*
- (3) Experimental Psychology.
- (4) Laboratory work.

9. *Anatomy* :—

- (1) Descriptive Anatomy and Morphology.
- (2) Histology.
- (3) Embryology.
- (4) Anthropology.
- (5) Practical work.

Candidates must attend special courses of instruction in Anatomy, Anthropology, and Embryology, with practical work, for one year subsequent to the completion of the course in Anatomy for the Second M.B. Examination.

10, 11. *Pharmaceutics* :—

- (1) Pharmacognosy, including both a general and a particular knowledge of the constituents of drugs of vegetable and animal origin.
- (2) Pharmacy and Pharmacy Law.
- (3) Pharmaceutical Chemistry, including a knowledge of synthetic and other new remedies.

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\* Students may offer Physiology or Anatomy as one of their subjects for the Final B.Sc. must substitute for this part Comparative and Abnormal Psychology or some other subject approved by the Board of the Faculty.

- (4) Laboratory Work, including Pharmaceutical Chemistry, Pharmacognosy, and Galenical Pharmacy, and Dispensing. Regulations

Candidates must attend satisfactorily the full Intermediate course in Botany, and must present certificates of having attended satisfactorily during the second and third years approved courses in Chemistry, Botany, Pharmacognosy, Pharmacy, and Pharmaceutical Chemistry, and short courses in Bacteriology and in methods of Biological Assay.

Candidates who have passed the Intermediate Science Examination in Physics, Chemistry, and Botany, and who have also attended satisfactorily a course in Mathematics may proceed to the Second Year course provided that they attend satisfactorily in the second year the Zoology part of the course (IV.) Biology for students of Chemistry and Physics.

### 12, 13. *Engineering* :—

- (1) (a) Strength and Elasticity of Materials, (b) Theory of Structures.
- (2) Mechanics and Kinematics of Machines.
- (3) (a) Structural or Mechanical Design.  
(b) Geometrical Drawing.
- (4) (a) Differential and Integral Calculus and Differential Equations.  
(b) Plane and Solid Co-ordinate Geometry.

*Two of the following* (5) and (6) :—

- (i.) Surveying and Hydraulics.
- (ii.) Heat Engines and Dynamics of Machines.
- (iii.) General Electrical Engineering.

The work done in the Laboratory and Drawing Offices during the three years will be taken into account in the examination.

Candidates in Engineering (11, 12) must present certificates of satisfactory attendance on an approved course of the Intermediate or higher standard in *two* of the following subjects :—

- (1) Physics.
- (2) Geology.
- (3) Applications of Electricity.
- (4) Metallurgy.
- (5) Mining.

### 14, 15. *Electrical Engineering* :—

- (1) (a) Strength and Elasticity of Materials, (b) Mechanics and Kinematics of Machines.
- (2) (a) Dynamics of Machines, (b) Theory of Heat Engines.

## Regulations

- (3) Continuous Current Measurements, Apparatus, and Machinery.
- (4) Alternating Current Measurements, Apparatus, and Machinery.
- (5) Generation, Transmission, and Distribution of Electrical Energy.
- (6) (a) Differential and Integral Calculus and Differential Equations.
- (b) Plane and Solid Co-ordinate Geometry.

Candidates in Electrical Engineering (13, 14) must satisfy the Examiners separately in (1), (2), and (3), (4), (5), and must undergo such tests in the electrical laboratories as the Examiners may prescribe.

The work done in the Mechanical and Electrical Laboratories and Drawing Offices during the three years will be taken into account in the examination.

Candidates in Electrical Engineering (13, 14) must present certificates of satisfactory attendance on an approved course of the Intermediate or higher standard in *two* of the following subjects:

- (1) Physics.
- (2) Chemistry.
- (3) Metallurgy and Fuel.

\*16, 17. *Agriculture*. These courses are at present suspended.)

18. *Metallurgy*.

- (1) General Metallurgy.
- (2) Metallography.
- (3) Fuel.
- (4) Laboratory work.

Where a student has taken any of the courses required for the Ordinary degree as special subjects in an Honours School, alternative courses in Metallurgy will be required. Such courses must be chosen from those for the Honours degree and must be approved by the Professor of Metallurgy.

19. *Geography*.

- (1) Meteorology and Hydrography.
- (2) Regional Geography.
- (3) Laboratory work.

## AS TO ATTENDANCE.

Candidates presenting themselves for an Intermediate or Final Examination for the first time will be required to furnish satisfactory certificates of attendance upon the course of instruction for such examination approved by the University. Candidates

\* The Ordinances and Regulations for the degree of B.Sc. in Agriculture are at present suspended (see *Calendar*, 1931-32, pp. 465-472).

## Degree of B.Sc.

who have attended a more advanced course in lieu of a course approved for any stage of a University degree will be regarded as having complied with the University requirements, and the certificate of such attendance will be deemed satisfactory.

NOTE.—In the case of candidates who present Agriculture for the degree of B.Sc. such approved courses may be taken partly in the University and partly in some Institution recognised for this purpose by the University.

### Degree of B.Sc. with Honours.

1. Candidates for the degree of Bachelor of Science with Honours are, except as hereinafter stated, required to furnish certificates of having attended in the University courses of instruction approved by the University and extending over not less than three academic years in one of the Honours Schools of the University hereinafter enumerated.\*

2. Every candidate for the degree of B.Sc. with Honours is required to present himself at the examination next in date after the expiration of the third or fourth academic year from the time when he has entered upon one of the courses of instruction approved by the University for such degree, unless he shall present a medical certificate of illness satisfactory to the Senate.†

3. Candidates for the degree of Bachelor of Science with Honours may present themselves for examination in any of the following Honours Schools,‡ on furnishing certificates of having attended, in accordance with the University regulations, the courses required for such Honours Schools in the University, and on proving to the satisfaction of the Senate that they have performed the exercises of such classes as they shall have attended for such courses, viz.:

- |                   |                                  |
|-------------------|----------------------------------|
| i. Mathematics.   | viii. Botany.                    |
| ii. Engineering§. | ix. Anatomy.                     |
| iii. Physics.     | x. Psychology.                   |
| iv. Chemistry.    | xi. Metallurgy.                  |
| v. Zoology.       | xii. Geography and Anthropology. |
| vi. Physiology.   | xiii. General Science.           |
| vii. Geology.     |                                  |

\* The Intermediate B.A. or B.Sc. is accepted instead of the first year's attendance in an Honours School, provided that the subjects chosen and the course attended by the candidate are substantially and to the satisfaction of the Senate those required for the first year's course of the Honours School.

† Candidates desiring to present themselves in their fourth academic year are required to give notice to that effect to the Registrar.

(a) At the beginning of their second year of study in the case of those Honours Schools in which the Intermediate Examination is not taken.

(b) At the end of the year of study following the passing of the Intermediate Examination in the case of those Honours Schools in which that examination is taken.

‡ For detailed scheme of subjects of examination, etc., see page 507 *et seq.*

§ This examination is accepted on certain conditions by the Council of the Institution of Civil Engineers as exempting from their prescribed examination for Associate Membership.

### *Advanced Studies.*

Cheshire, and most of the books printed in the seventeenth and eighteenth centuries which are of permanent value to the scholar, including great works of reference like the *Acta Sanctorum* of the Bollandists and *Gallia Christiana*. It also comprises many thousand volumes of more modern literature, largely historical, and additions are constantly being made. The Municipal Reference Library is very valuable for books published during the last hundred years and for English periodicals.

Special short courses of lectures on subjects of interest to advanced students are given from time to time, and are open to all members of the University. The various University Societies afford opportunities for the reading and criticism of papers and for visiting places and sites of historical, architectural, and archaeological interest under expert guidance. An Excavation Committee of the local branch of the Classical Association, of which the Professors of Latin and Ancient History and the Lecturer on Classical Archæology are members, in recent years uncovered a portion of the Roman station at Ribchester, near Preston, and it is proposed to undertake similar work on other sites. Facilities will be given to properly qualified students to follow the work as it proceeds.

A comprehensive catalogue of all the books on Architecture available in public institutions in Manchester has been drawn up. It represents the books in the Library of the Society of Architects, the Chetham Library, the Municipal Free Library, the Rylands Library, and the Libraries of the Municipal School of Art, the Municipal College of Technology, the Whitworth Institute, and the University.

For particulars as to research degrees and fees, see page 352.

For fuller particulars as to advanced study, see the special prospectus.

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8. A candidate for the degree of Bachelor of Science in any Honours School who has failed in the University Examination may be recommended to the Board of the Faculty of Science for the ordinary degree by the Examiners in that school on the ground of ill-health, and may be awarded the ordinary degree, provided the record of his work during his course of study has, in the opinion of the Board, been satisfactory. Ordinances

9. In the case of candidates who have either passed the Intermediate B.Sc. Examination or have reached a standard substantially the same as that of the Intermediate B.Sc. Examination, and have also reached a standard satisfactory to the Board of the Faculty in one of the subjects accepted for the Ordinary Degree of B.Sc., other than the subject of their Honours School, the Examiners in an Honours School either may return such a candidate as having satisfied them for the Ordinary Degree of B.Sc., or may recommend to the Board of the Faculty that the candidate be allowed to sit for the examination for the Ordinary Degree of B.Sc. in the subject of his Honours School, and on satisfying the Examiners in this examination be awarded the Ordinary Degree of B.Sc.

10. The Examiners in the Honours School of General Science may return candidates as having satisfied them for the Ordinary Degree of B.Sc., provided that such candidates have passed the Intermediate B.Sc. Examination and have reached a standard in two of the subjects of the Final Examination in General Science substantially the same as that required for the ordinary degree of B.Sc.

11. The Examiners in coming to a decision shall have regard to the record of the University work done by the student.

12. Candidates, before sitting for the Final Examination for the degree of B.Sc., must present evidence satisfactory to the Board of the Faculty that they can read scientific literature in either French or German, or any other language approved by the Board of the Faculty.

### Courses of Study.

NOTE.—By “Course,” whether of Lectures or Laboratory work, is meant that recognised by the University for the Honours School.

Where Laboratory work is required candidates must take regular courses of Laboratory work; but any candidate who can produce satisfactory evidence that his knowledge is sufficient to make it unnecessary for him to pursue such regular courses shall be allowed, on the recommendation of the Board of Faculty accepted by the Senate, to proceed to more advanced work or to undertake original investigations, and such advanced work or original investigation may be accepted as a substitute for the required Honours Course of Laboratory work provided always that all candidates shall be required to undergo the whole of the Honours Examination in Laboratory work.

### Honours School of Mathematics.

Candidates are required to present certificates of having attended : Regulations

- (1) During three academic years, courses in Mathematics averaging not less than six hours a week.

- ditions— 2. During the first and second years, approved courses of lectures on at least two other subjects; provided that a candidate may, in each year, substitute for one of these additional courses an approved course of laboratory work.

The examination will be held in three parts. Part I. will consist of three papers. Part II. of four papers, and Part III. of five papers. The results of each part will be taken into account in drawing up the class lists.

The subjects of Part I. will include elementary analysis, comprising algebra, calculus, elementary differential equations, elementary pure analytical and differential geometry, elementary statics, dynamics, and hydrostatics.

The subjects of Part II. will include the theory of functions of real and complex variables, differential equations, plane, solid and differential geometry, statics and dynamics (two and three dimensional), Mathematical theory of electricity and magnetism.

The subjects of Part III. will be selected from the theory of functions, the theory of numbers, higher geometry, differential equations, dynamics, theory of vibrations and wave motions, hydrodynamics, electromagnetic theory and other selected branches of pure and applied mathematics.

### **Honours School of Engineering.**

Candidates are required to present certificates of having attended:

#### **I. Before the end of their second year of study:—**

- (a) Not less than two courses of lectures in Engineering, one of which may be electrical, each of three hours a week for a session.
- (b) Not less than three courses of lectures in Pure and Applied Mathematics.
- (c) Not less than two courses in the Engineering Laboratory, one of which may be in the electrical laboratory, each of one day a week for a session, including special courses of lectures on laboratory work.
- (d) Two courses of Drawing and Design, each of one day a week for a session, including special lectures on design.

- (e) Two courses, each of not less than 2 hours a week to be Regulations chosen from the following :—

1. Physics.
2. Geology.
3. Applications of Electricity.
4. Metallurgy.

## II. During their third year :—

- (a) Five courses of lectures to be chosen from the following :

- (1) Geodetic Surveying and Higher Civil Engineering.
- (2) Higher Elasticity and Theory of Structures.
- (3) Hydraulics.
- (4) Thermodynamics.
- (5) Mechanics and Dynamics of Machines.
- (6) General Electrical Engineering.
- (7) Higher Theory and Design of Electrical Machines and Apparatus.
- (8) Generation, Transmission and Distribution of Electrical Energy.
- (9) Higher Frequency Currents.
- (10) Higher Pure Electricity and Magnetism.
- (11) Pure Mathematics.
- (12) Applied Mathematics.

- (b) A course in the Engineering Laboratories for not less than one day a week during the session.

- (c) *Either* a course of not less than one and a half days a week for the session in Machine and Structural Design, including special courses of lectures on Design.

*Or*

A course of not less than one day a week for the session in the Electrical Laboratory, together with not less than half a day a week for the session in Mechanical and Electrical Design.

The examination will consist of two parts :

*Part I.* Six papers on the following subjects to be taken at the end of the second or third year :—

- (1) (a) Strength and Elasticity of Materials.  
(b) Theory of Structures.
- (2) Mechanics, and Kinematics of Machines.
- (3) Heat Engines and Dynamics of Machines.
- (4) (a) Differential and Integral Calculus.  
(b) Plane Co-ordinate Geometry.



ulations:

(5), (6). Two of the following :—

(i.) Surveying and Hydraulics.

(ii.) (a) Structural or Mechanical Design.

(b) Geometrical Drawing.

(iii.) Continuous-Current Measurements, Apparatus and Machines.

(iv.) Alternating Current Measurements, Apparatus and Machines.

*Part II.* Five Papers to be taken at the end of the third or fourth year, chosen from the following :—

(1) Geodetic Surveying and Civil Engineering.

(2) Elasticity and Theory of Structures.

(3) Hydraulics.

(4) Thermodynamics.

(5) Mechanics and Dynamics of Machines.

(6) General Electrical Engineering.

(7) Higher Theory and Design of Electrical Machines and Apparatus.

(8) Generation, Transmission, and Distribution of Electrical Energy.

(9) Higher Frequency Currents.

(10) Higher Pure Electricity and Magnetism.

(11) Pure Mathematics.

(12) Applied Mathematics.

*Note.*—Paper (6) may not be taken along with Papers 7, 8, 9, or 10.

The work done in the Laboratories and Drawing Offices during the three years will be taken into account in the examination.

### Honours School of Physics.

1. Candidates are required to present certificates of having attended satisfactorily :

(a) In each of the three years such courses in the subject of Physics, theoretical and practical, as will, in the opinion of the Professor of Physics, enable them to continue satisfactorily the Honours Course of Physics.

- (b) During the first or second year courses of instruction of at least Intermediate standard in Pure and Applied Mathematics and Chemistry.
- (c) During the second year a course on Pure Mathematics of a standard at least substantially equivalent to that of the Final course for the ordinary degree of B.Sc.

2. Candidates must present themselves for the following examinations :

- (a) Intermediate Examination for the Ordinary Degree of B.Sc. at the end of the first year.
- (b) Part I. Honours Examination at the end of the second or third year.
- (c) Part II. Honours Examination at the end of the third or fourth year.

At least one complete session must elapse between each examination.

3. Candidates who have passed the Part I. Examination must subsequently attend satisfactorily an advanced course or courses on *one* of the following :

- (a) Pure Physics.
- (b) Electro-Technics.
- (c) Physical Chemistry.

Candidates choosing (b) or (c) must notify the Professor of Physics at the beginning of their second year of study, and must attend satisfactorily during that year such courses of instruction in these subjects as may be approved by the Professor.

4. Part I. of the Honours Examination shall consist of three papers and a practical examination extending over one day.

Part II. of the Honours Examination shall consist of three papers, an essay, and a practical examination extending over two days.

Candidates taking Electro-Technics or Physical Chemistry under Regulation 3 will substitute two papers and a practical examination in these subjects respectively for two papers and practical work in Advanced Physics.

5. The Examiners in drawing up the Honours list may take into consideration the class work of candidates during their Honours course.

ulations

### Honours School of Chemistry.

A. Candidates are required to present certificates of having satisfactorily attended :

- I. (1) During the first and second years systematic courses on General and Inorganic Chemistry.
- (2) During the second and third years systematic courses on Organic Chemistry.
- (3) During the second and third years systematic courses on Physical Chemistry, including Electro-Chemistry.
- (4) During the third year two of the courses on the subjects of examination mentioned under B (5) below, of which either (i.) or (ii.) must be one of those selected.
- II. (1) During the first year a course in Pure or Applied Mathematics, and a course of Physics.
- (2) During the first or second year a course in German, unless the candidate has satisfied the Language test examination in German.
- (3) During the first year the Chemical Laboratory for 350 hours. During the second year, the Chemical Laboratory for 400 hours, for 80 hours of which an equal time devoted to laboratory work in Physics or in some other subject in which a lecture course has been or is being taken by the student may be substituted. During the third year, the Chemical Laboratory for 450 hours, for 90 hours of which an equal time devoted to Laboratory work in another subject may be substituted.

The Professors in Chemistry may, in special cases, modify the attendance requirements in the Chemical Laboratory.

[NOTE.—Students who wish to take the degree of B.Sc. in the Honours School of Chemistry with a view ultimately to qualifying as Public Analysts are advised to inform the Professor of Chemistry of the fact at the earliest opportunity.]

B. The Examination will be held in two parts.

Part I., to be taken at the end of the second or third year :

- (1) General Chemistry (2 papers).
- (2) A practical examination.

Part II., to be taken at the end of the third or fourth year :

- (3) Organic Chemistry (1 paper).
- (4) Physical Chemistry, including Electro-Chemistry (1 paper).

(5) *Two* subjects, one of which must be *either* (i.) or (ii.) **Regulations** selected from the following (2 papers) :—

- (i.) Higher Organic Chemistry.
- (ii.) Higher Physical Chemistry.
- (iii.) Bacteriology.
- (iv.) Chemistry of Colouring Matters.
- (v.) Colloids.
- (vi.) Crystallography.
- (vii.) Electro-Chemistry, Applied.
- (viii.) Fuel with Gas-Analysis.
- (ix.) History of Chemistry.
- (x.) Metallurgy.
- (xi.) Physiological Chemistry.

(6) A practical examination.

A candidate may not present himself for Part II. of the examination until at least one year after he has passed Part I. of the examination.

The Examiners, in drawing up the Honours list, may take into consideration the work of candidates during their Honours course.

### **Honours School of Zoology.**

Candidates are required to present certificates of having attended satisfactorily :

- (1) During the first year or first and second years a course qualifying for the Intermediate Examination for the Ordinary Degree of B.Sc.
- (2) Before entering upon the courses mentioned in (3) for the Honours School a class in Zoology of the standard required for the Intermediate Examination for the Ordinary Degree of B.Sc.
- (3) During two subsequent academic years full courses of instruction in Zoology, including Laboratory work.
- (4) During part of one academic year a course in Embryology, and during one academic year a course in *one* of the following :—
  - (a) Geology, with Practical work.
  - (b) Physiology, with Laboratory work.
  - (c) Botany, with Laboratory work.
  - (d) Organic Chemistry, with Laboratory work.
  - (e) Psychology, with practical work.

The Honours Examination shall consist of :—

#### **I. Five papers :**

- 1—4. Zoology and Comparative Anatomy (including the more important extinct forms); Embryology.

**Examinations** 5. *One of the following, which may be taken either at the same time as the Honours Examination or in the previous year:—*

- (i.) Geology.
- (ii.) Physiology.
- (iii.) Botany.
- (iv.) Physical and Organic Chemistry.
- (v.) Psychology.

II. Practical Examination in the Laboratory extending over three days, one being devoted to the subject taken under 5.

### **Honours School of Physiology.**

Candidates are required to present certificates of having attended satisfactorily:

- (1) During at least one academic year, courses qualifying for the Intermediate Examination for the Ordinary Degree of B.Sc. For this purpose, the First M.B. is considered as equivalent to the Intermediate Examination.
- (2)\* During two academic years from the date of passing the Intermediate Examination (or the First M.B. Examination), full courses of instruction in Physiology.
- 3 During one of the academic years subsequent to passing the Intermediate (or First M.B.) Examination, an approved course in *one of the following subjects:—*
  - (a) Physics, with laboratory work.
  - (b) Chemistry, with laboratory work.
  - (c) Human Anatomy, with practical work.
  - (d) Zoology, with laboratory work.
  - (e) Psychology, with laboratory work.
  - (f) Botany, with laboratory work.
- 4 During the elementary course in Physiology, a course in Histology in the Department of Anatomy, unless such a course has already been attended.
- 5 During the final year, the student will attend a special course in advanced Histology in the Department of Anatomy.

The Honours Examination shall consist of:—

I. *Four papers.*

1—3. Physiology.

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\*Students who take the First M.B. Examination may, with the sanction of the Senate, proceed with the Second Year Course, after completing the First M.B. Examination, provided that Part I and Part II of the First M.B. Examination have been passed in their first year.

4. One of the following, which may be taken either at the Regulations same time as the Honours Examination or in the previous year :—

- (a) Physics.
- (b) Chemistry.
- (c) Human Anatomy.
- (d) Zoology.
- (e) Psychology.
- (f) Botany.

Students who have satisfied the Examiners in the Higher course (Section C) of the First M.B. Examination in Chemistry or Physics will be regarded as having passed in this part of the Honours Examination.

- II. Practical Examination in the laboratory extending over four days, one being devoted to the subject taken under 4.

### **Honours School of Geology.**

#### *Branch I. Physical.*

Candidates are required to present certificates of having attended satisfactorily :—

1. In each of the three years, such courses in the subject of Geology, theoretical and practical, as will, in the opinion of the Professor of Geology, enable them satisfactorily to continue the Honours course of Geology.
2. During the first or first and second years, approved courses of at least Intermediate standard in Geology, Biology, and Physics.

NOTE.—If a student has given evidence of a standard in Physics satisfactory to the Faculty, Chemistry may be substituted for Physics under this regulation.

3. During two subsequent academic years, full courses in Geology, including Laboratory and Field Work. These courses will include Stratigraphy, Petrology, and Palaeontology.
4. During the second or third years, a course extending over one year in any two of the following :—
  - (1) Physics, including Heat, Light, and Properties of Matter ;
  - (2) Chemistry, Physical Chemistry, and Chemistry of the Metals ;
  - (3) Metallurgy ;
 with the corresponding Practical Courses.

5. All students presenting Geology for their Honours Examination are required to have attended the Field Excursion during the Easter Vacation during their second or third year.

*Branch II. Biological.*

**ulations** Candidates are required to present certificates of having attended satisfactorily:—

1. In each of the three years, such courses in the subject of Geology, theoretical and practical, as will, in the opinion of the Professor of Geology, enable them satisfactorily to continue the Honours Course of Geology.
2. During the first, or first and second years, courses of at least Intermediate standard, in Chemistry or Physics, Biology or Zoology or Botany, and Geology.
3. During two subsequent academic years, full courses in Geology, including Laboratory and Field Work. These courses will include Stratigraphy, Petrology, and Palaeontology.
4. During the second and third years, an approved course extending over two years in *one* of the following subjects, and an approved course extending over *one* year in the other:
  - (1) Botany;
  - (2) Zoology;
 and the corresponding Practical Courses.

NOTE.—Students, in choosing the subjects for their Intermediate course should note the second and third year regulations.

5. All students presenting Geology for their Honours Examination are required to have attended the Field Excursion during the Easter Vacation in their second or third year.

*Branch III. Mining.*

Candidates are required to present certificates of having attended satisfactorily:—

1. In each of the three years, such courses in the subject of Geology, theoretical and practical, as will, in the opinion of the Professor of Geology, enable them satisfactorily to continue the Honours Course of Geology.
2. During the first, or first and second years, courses of at least Intermediate standard in Chemistry, Physics, Mathematics, and Geology.
3. During two subsequent academic years, full courses in Geology, including Laboratory and Field Work. These courses will include Stratigraphy, Petrology, and Palaeontology.

4. During the second and third years, a course extending Regulations  
over one year in any *two* of the following subjects :—
  - (1) Physics, including Properties of Matter, Electricity, and Magnetism ;
  - (2) Chemistry, Physical Chemistry, and Chemistry of the Metals ;
  - (3) Metallurgy and Fuel, with Assaying ;  
with the corresponding Practical Courses.
  - \*(4) Engineering, with the corresponding Laboratory Work and Drawing.
5. During the second, or second and third years, a full course of instruction in Mining and Mine Surveying.
6. During the third year a course of Mineral Economics.
7. A practical course of instruction in Mining, extending over two months at a coal mine, or two months at a metal mine.
8. All students presenting Geology for their Honours Examination are required to have attended the Field Excursion during the Easter Vacation during their second or third year.

The Honours Examination shall consist of :—

*Branch I. Physical.*

I. Five papers.

- 1, 2, 3, and 4. Geology, including Physical Geology, Stratigraphy, Petrology, and Palæontology.

Candidates are expected to show special knowledge in *either* Physical Geology, Stratigraphy, *or* Petrology.

5. *One* of the following, which may be taken with the corresponding practical examination at the end of the second or third year of study :—

- (1) Physics. (Properties of Matter, Heat, and Light.)
- (2) Chemistry. (Physical Chemistry and Chemistry of the Metals.)
- (3) Metallurgy.

- II. A practical examination extending over three days (including a *viva voce* examination), in addition to the one devoted to the subject under 5.

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\* Students who have taken Honours in Mining Geology may qualify for the Engineering Certificate by taking in a subsequent year, in addition to the above course in Engineering, a complete one year's course in Engineering and Mathematics. The subjects of the examination, which will be held at the end of the completed course, are given on page 533.



*Branch II. Biological.***Regulations I. Five papers.**

1 and 2. Geology, including Physical Geology, Stratigraphy, Petrology, and General Palæontology.

3 and 4. Palæontology (including Palæobotany).

5. One of the following, which may be taken with the corresponding practical examination at the end of the second or third year of study :—

(1) Zoology.

(2) Botany.

II. A practical examination extending over three days (including a *viva voce* examination), in addition to the one devoted to the subject under 5.

*Branch III. Mining.***I. Six papers.**

1, 2, 3, and 4. Geology, including Physical Geology, Stratigraphy, Petrology, Palæontology, and Mineral Economics.

5. The Principles of Mining and Mine Surveying.

6. One of the following, which may be taken with the corresponding practical examination at the end of the second or third year of study :—

(1) Physics.

(2) Chemistry.

(3) Metallurgy and Fuel, including Assaying.

II. A practical examination extending over three days (including a *viva voce* examination), in addition to the one day devoted to the subject under 6.

**Honours School of Botany.**

Candidates are required to present certificates of having attended satisfactorily :

(1) During the first year or first and second years a course qualifying for the Intermediate Examination for the Ordinary Degree of B.Sc.

(2) Before entering upon the courses mentioned in (3) for the Honours School a class in Botany of the standard required for the Intermediate Examination for the Ordinary Degree of B.Sc.

(3) During two subsequent academic years full courses of instruction in Botany, including Laboratory work.\*

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\* Laboratory work in the third year must extend over at least 2½ days a week.

- (4) During one academic year a course in *one* of the following : — **Regulations**
- (a) Zoology, with Laboratory work.
  - (b) Geology, with Practical work.
  - (c) Physiology, with Laboratory work.
  - (d) Organic Chemistry, with Laboratory work.

The Honours Examination shall consist of :—

**I. Five papers.**

1—4. Botany : Including Vegetable Anatomy and Morphology, Vegetable Physiology, Systematic Botany, and the Distribution of Plants in Time and Space.

5. One of the following, which may be taken either at the same time as the Honours Examination or in the previous year :—

- (a) Zoology.
- (b) Geology.
- (c) Physiology.
- (d) Physical and Organic Chemistry.

**II. Practical Examination in the Laboratory, extending over three days, one being devoted to the subject taken under 5.**

**Honours School of Anatomy.**

Candidates are required to present certificates of having attended :

- (1) During at least one academic year, courses qualifying for the Intermediate Examination for the Ordinary Degree of B.Sc. (for this purpose the First M.B. Examination is considered as equivalent to the Intermediate Examination).
- (2) During two academic years from the date of passing the Intermediate Examination or the First M.B. Examination\* full courses of instruction in :—
  - (a) Human Morphology, including the study of the structure of the Human Body, both macroscopic and microscopic, its developmental history, and such Comparative Anatomy as is deemed necessary to explain the facts of Human Anatomy and Embryology.
  - (b) Physical Anthropology.
  - (c) Practical Work—a special course of dissection, human and comparative; the preparation and study of embryological sections; practice in anthropological methods.

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\* Students who take the First M.B. Examination may, with the sanction of the Senate, proceed with the second year course before completing the First M.B. Examination, provided that Part I. and Part II. a. of the First M.B. Examination have been passed in their first year.

- Regulations**
- (3) During one academic year a course in Physiology, with practical work.
  - (4) During one academic year one of the following courses :—
    - (a) Zoology, with practical work.
    - (b) Advanced Physiology, with practical work.
    - (c) Palæontology, with practical work.
    - (d) Psychology, with practical work.
    - (e) Such other courses as may be approved by the Board of the Faculty.

The lectures in any course averaging not less than three hours per week.

The Honours Examination shall consist of :

I. Five papers :—

- 1, 2, 3, Anatomy.
4. Physiology, which may be taken either at the same time as the Honours Examination or in a previous year. Candidates who have passed the Second M.B. Examination will not be examined in Physiology under (4).
5. One of the following subjects, which may be taken at the same time as the Honours Examination or in a previous year :—
  - (a) Zoology.
  - (b) Advanced Physiology.
  - (c) Palæontology.
  - (d) Psychology.
  - (e) Such other subjects as may be approved by the Board of the Faculty.

II. Practical Examination, extending over three days, the third being devoted to the subject taken under 5.

**Honours School of Psychology.**

Candidates are required to present certificates of having attended satisfactorily :

- (1) During the first year or first and second years a course qualifying for the Intermediate Examination for the Ordinary Degree of B.Sc.
- (2) During the first or second year a course of Intermediate standard in a Modern Language.

- (3) During two academic years full courses of instruction in *Regulations* Psychology, including laboratory work. These courses shall include General and Experimental Psychology, the Elements of Comparative and Abnormal Psychology, and the Anatomy and Physiology of the Nervous System
- (4) During one academic year a course of the Final standard in one of the following :—
- Pure Mathematics.
  - Physics, with practical work.
  - Physiology, with practical work.
  - Zoology, with practical work.
  - Or some other subject approved by the Board of the Faculty.

The examination shall consist of :

I. Seven papers :—

1—6. On the subjects included under (3).

7. On *one* of the following subjects, with a half-day's practical work (or an equivalent paper where the subject does not include practical work) which may be taken with the Final Examination or in the previous year :—

- Pure Mathematics.
- Physics, with practical work.
- Physiology, with practical work.
- Zoology, with practical work.
- Or some other subject approved by the Board of the Faculty.

II. Practical work extending over two days in addition to the half-day devoted to the subject taken under 7.

Candidates may present a thesis or dissertation in some special branch of Psychology in lieu of one day's practical work under II.

### **Honours School of Metallurgy.**

A. Candidates are required to present certificates of having attended :

- In each of the years of the Honours Course such courses in Metallurgy (including Metallography and Electro-Metallurgy) as will, in the opinion of the Professor of Metallurgy, enable them to continue satisfactorily the Honours course in that subject.

- Regulations**      *b)* A course extending over one academic year and of a standard higher than Intermediate in *two* of the following :
- (i.) Mathematics.
  - ii.) Physics.
  - (iii.) Chemistry.
  - (iv.) Geology.
- (c) One additional course extending over one academic year to be chosen from the subjects enumerated under (b) or from the following :
- (i.) Crystallography.
  - (ii.) Colloids.
  - (iii.) Higher Electro-Metallurgy.
  - (iv.) Electro-Technics.
  - (v.) Mining.
  - (vi.) Engineering (Additional to that taken under (d) ).
  - (vii.) Such other courses as may be approved by the Faculty.

(d) A course in Engineering with practical work.

The Professor of Metallurgy may require a candidate to pass the Intermediate Examination.

Students who have completed the attendance for the First year in the Honours Schools of Chemistry, Physics, or Engineering may proceed to Honours in Metallurgy after two years' study in the School of Metallurgy, provided that they satisfy the Regulations for that Honours School.

**B. The Honours Examination will consist of two parts.**

*Part I.* Taken at the end of the second or third year.

- (1) Metallurgy and Metallography. (3 Papers.)
- (2) Fuel. (1 Paper.)\*
- (3) A Practical Examination.

*Part II.* Taken at the end of the third or fourth year.

- (1) Metallurgy and Metallography. (3 Papers.)
- (2) Electro-Metallurgy. (1 Paper.)
- (3) A practical Examination extending over three days.

The Examiners in drawing up the Honours list will take into consideration the work of the candidates during their Honours

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\*With the permission of the Professor of Metallurgy, the examination in Fuel may be taken at the end of the first year.

Notice must be given to the Registrar not later than March 15th.

course, together with their laboratory note-books and three <sup>Regulations</sup> drawings of metallurgical plant or apparatus and the dimensioned sketches from which the latter were made.

No candidate may take Part II. of the examination until at least one year after passing Part I.

A pass in Part I. will be accepted as a Pass in Metallurgy (xvii.) for the Ordinary degree of Bachelor of Science, provided that the Intermediate Examination has also been passed.

### **Honours School of Geography and Anthropology.**

1. Candidates are required to present certificates of having attended satisfactorily :

- (a) In the first or second year courses of at least Intermediate standard in Geology, Physics, and *either Botany or Zoology or Elementary Biology.*
- (b) In the first or second year an approved course in Elementary Anatomy.
- (c) In the first year an approved course in Geography.
- (d) In the second year approved courses in Geography (including practical work) on Regional studies and Racial diversities of mankind; courses in Geology (including practical work) on the Geology of the British Isles, on Palæontology and on Petrology; a course in Practical Physical Anthropology.
- (e) In the third year courses in Geography including The Races of Mankind, Cartography, Climatology, Selected Regions, including Practical work.

2. Candidates must present themselves for the following examinations :

- (a) The Intermediate Examination in Geology, Physics, and *either Botany or Zoology or Elementary Biology*, at the end of their first or second year.
- (b) Part I. Honours Examination will consist of four papers in Geology and Geography, and a practical test, at the end of the second or third year.
- (c) Part II. Honours examination will consist of six papers and a practical test at the end of the third or fourth year.

At least one complete session must elapse between the Intermediate examination and the Part I. examination and between the Part I. and the Part II. examinations.

## Regulations

**Honours School of General Science.***Section I. Chemistry, Physics, and Mathematics.*

Candidates are required to present certificates of having attended satisfactorily:

- i. During the first or first and second years, approved courses of at least Intermediate standard in Chemistry, Physics, Pure Mathematics, and Applied Mathematics.
- ii. During two academic years subsequent to passing the Intermediate Examination:
  - (a) Approved courses in Inorganic Chemistry, Physical Chemistry, and Organic Chemistry.
  - (b) Approved courses in Physics, extending over two sessions.
  - (c) Approved courses in Pure Mathematics and Applied Mathematics extending over one session.
  - (d) Practical work in Chemistry, which shall average nine hours per week during two sessions.
  - (e) Practical work in Physics, which shall average six hours per week during two sessions.
- (iii.) During the first or second year, an approved course in a Biological science extending over one session unless evidence satisfactory to the Board of the Faculty of having attained a standard in a Biological Science equivalent to that required in the approved course is presented.

Candidates must present themselves for the following examinations:

- (a) The Intermediate Examination in Chemistry, Physics, and Pure or Applied Mathematics at the end of the first or second year.
- (b) The Honours Examination which shall consist of
 

*Part I.* at the end of the second or third year.  
     One paper in Pure Mathematics.  
     One paper in Applied Mathematics.

*Part II.* at the end of the third or fourth year.  
     Three papers in Chemistry with at least one day's practical work.  
     Three papers in Physics with at least one day's practical work.

At least two complete sessions must elapse between the Intermediate and the Honours (Part II.) examination.

*Section II. Botany, Zoology, and Chemistry.*

**Regulations**

Candidates are required to present certificates of having attended satisfactorily :

- (i.) During the first or first and second years, approved courses of at least Intermediate standard in Botany, Zoology, and Chemistry.
- (ii.) During two academic years subsequent to passing the Intermediate Examination :—
  - (a) Approved courses in Botany, extending over two sessions.
  - (b) Approved courses in Zoology, extending over two sessions.
  - (c) An approved course in Chemistry, including practical work, extending over one session.
  - (d) Practical work in Botany, which shall average six hours per week during one session and nine hours per week during a second session.
  - (e) Practical work in Zoology, which shall average six hours per week during one session and nine hours per week during a second session.

Candidates must present themselves for the following examinations :

- (a) The Intermediate Examination in Botany, Zoology, and Chemistry at the end of the first or second year.
- (b) The Honours Examination which shall consist of

*Part I.* at the end of the second or third year.

An examination in Chemistry including practical work.

*Part II.* at the end of the third or fourth year.

Three papers in Botany with at least one day's practical work.

Three papers in Zoology with at least one day's practical work.

At least two complete sessions must elapse between the Intermediate and the Honours (Part II.) examination.



**Regulations: Section III. Geology, Geography, and Botany or Zoology.**

Candidates are required to present certificates of having attended satisfactorily :

1. During the first or first and second years, approved courses of at least Intermediate standard in Geology, Biology,\* and Physics.†
2. During two academic years subsequent to passing the Intermediate Examination :—

Approved courses in Geology extending over two sessions, and

*Either*

- (a) Approved courses in Botany or Zoology extending over two sessions, together with approved courses in Geography extending over one session, and the corresponding practical work in each subject.

*Or*

- (b) Approved courses in Geography extending over two sessions, together with approved courses in Botany or Zoology extending over one year, and the corresponding practical work in each subject.

Candidates must present themselves for the following examinations :

The Intermediate Examination in Geology, Biology, and Physics or Chemistry at the end of the first (or second) year.

The Honours Examination, which will consist of :

*Either*

**PART I.**

- (a) For those candidates who have taken Geography for one year only an examination in Geography, including practical work, at the end of the second (or third) year.

*Or*

- (b) For those candidates who have taken Botany or Zoology for one year subsequent to the Intermediate Examination, an examination in Botany or Zoology, including practical work, at the end of the second (or third) year.

\* The Intermediate Examination requirements in Elementary Biology consist of the first two terms' work of the Intermediate courses in Botany and in Zoology. Students are required, in addition, to attend the summer term's course in Botany or Zoology according to which of these subjects they have decided to continue in their second year work.

† If a student has given evidence of a standard in Physics, satisfactory to the Board of the Faculty, Chemistry may be substituted for Physics under this regulation.

## PART II.

Regulations

Three papers in Geology, with at least one day's practical work, and

*Either*

- (a) For those candidates who have taken Botany or Zoology for two years subsequent to the Intermediate Examination, three papers in Botany or Zoology, with at least one day's practical work.

*Or*

- (b) For those candidates who have taken Geography for two years, three papers in Geography, with at least one day's practical work.

At least one complete session must elapse between the Intermediate and the Part I. Honours Examination, and one session between Part I. and Part II.

The Part I. Examination must be taken at the end of the second (or third) year.

The Part II. Examination must be taken at the end of the third (or fourth) year.

*Section IV. Mathematics and Physics with Elementary Botany and Zoology.*

Candidates are required to present certificates of having attended satisfactorily :—

- (i.) During the first or first and second years approved courses of at least Intermediate standard in Pure and Applied Mathematics, Physics, and Botany.
- (ii.) During two academic years subsequent to passing the Intermediate Examination :—

(a) Approved courses in Pure and Applied Mathematics extending over two sessions.

(b) Approved courses in Physics extending over two sessions.

(c) Practical work in Physics which shall average six hours per week during two sessions.

- (iii.) During the second (or third) year an approved course of at least Intermediate standard in Zoology extending over one session.

Candidates must present themselves for the following examinations :—

- (a) (i.) The Intermediate Examination in Physics, Botany, and Pure or Applied Mathematics at the end of the first or second year.

NOTES

(ii.) The Intermediate Examination in Zoology at the end of the second or third year and to be taken not later than one year previous to the Part II. Examination.

(b) The Honours Examination, which will consist of :—

Part I. (at the end of the second or third year) :—

One paper in Pure Mathematics.

One paper in Applied Mathematics.

Part II. (at the end of the third or fourth year) :—

(a) One paper in Pure Mathematics.

(b) One paper in Applied Mathematics.

(c) Three papers in Physics, with at least one day's practical work.

NOTE.—Students taking the Honours course in General Science are under the supervision of the Faculty Tutor.

### Degree of Master of Science.

See general note as to theses, page 399.

NOTE.—One copy of each thesis submitted for the degree of M.Sc. will be retained by the University. Drawings intended for publication will be returned to candidates on condition that sketches or photographs of these drawings are provided to be retained with the thesis. When a second copy of the thesis is available, it should be submitted; it will be returned to the candidate after adjudication.

ORDINANCES

1. The degree of Master of Science may be conferred on the following persons :

(a) Graduates in the Faculty of Science of the University of not less than one year's standing from the date of their graduation as Bachelors, on the following conditions :—

(i.) Each candidate shall present a thesis on some subject coming within the scope of the Faculty of Science. This thesis may consist of a record (published or not) of original work, or of an essay on some scientific question of importance involving criticism or historical research.

(ii.) A candidate may be required, at the discretion of the Board of the Faculty, to present himself for examination (orally or otherwise) on the subject of his thesis or on any matter immediately connected therewith.

(iii.) The Board of the Faculty shall recommend for the degree of M.Sc. those candidates whose theses are approved.

(b) Graduates of the University in other Faculties than the **Faculty of Science** of not less than two years' standing from the **date** of their graduation as Bachelors, who have

- (i.) Attended satisfactorily further approved courses in the Faculty of Science during two sessions; and
- (ii.) Fulfilled in addition the requirements for the M.Sc. degree under Ordinance 1 (a).

2. The degree of M.Sc. may also be conferred on

- (a) Graduates (or persons who have passed the Final Examination for a degree) of approved Universities, who without having taken previously a lower degree of this University, can give sufficient evidence of their qualifications and have conducted research work approved by the Board of the Faculty during a period of two years in the University.
- (b) Persons who are not graduates (nor have passed the Final Examination for a degree) of an approved University, who have conducted research work approved by the Board of the Faculty during a period of three years in the University, provided that such persons satisfy the Senate as to their general educational qualifications, and can give evidence (satisfactory to the Board of the Faculty) of having attained an adequate standard of knowledge before entering on such research work. The full three years required for non-graduates who are candidates for a Master's degree by research should be spent in attendance at the University, but on the recommendation of the Board of the Faculty concerned the Senate may give permission that a period or periods not amounting to more than one year during the three years following registration may be spent elsewhere, provided that the Board of the Faculty is satisfied that such period or periods are spent in the prosecution of suitable research.

In all cases graduates of other Universities, or non-graduates **Regulations** studying for the degree of Master, shall be required at the beginning of the prescribed period of study to register as University students and apply for recognition to the Board of the Faculty concerned.

Candidates intending to proceed to the degree of Master under Ordinance 1 must pay the required fees not later than June 1st and must notify the Registrar by that date of the titles of their theses; except that candidates who wish to submit theses in May must notify the Registrar to this effect on or before March 1st, and must pay the required fees and notify the titles of their theses by that date.

**graduations** Candidates intending to proceed to the degree of Master under Ordinance 1 must present their theses not later than September 15th. Candidates may, however, present their theses on or before May 24th with a view to obtaining the degree at Midsummer; but a candidate who avails himself of this privilege without securing the approval of his thesis will not be allowed to submit the same thesis again in September except with the special approval of the Board of the Faculty.

Candidates intending to proceed to the degree of Master under Ordinance 2 must notify the Registrar of the titles of their theses, and pay the required fees not later than March 1st, and must present their theses not later than April 30th, or must notify the Registrar of the titles of their theses and pay the required fee not later than June 1st and must present their theses not later than September 15th.

Forms of Notice may be obtained from the Registrar.

**NOTE.**—The following fees (in addition to the registration fees and fees for any lectures and laboratory courses attended) are payable by candidates for the Master's degree under Ordinance 2 *a* or 2 *b* :

- i. Exemption fee to be paid at the commencement of course :—
  - £3. 3s. for candidates under Ordinance 2 (*a*) ;
  - £10. 10s. for candidates under Ordinance 2 (*b*).
- ii. Fee on presentation of the thesis, £3. 3s.
- iii. Fee on graduation as Master, £8. 8s.

### **Degree of Doctor of Science.**

See general note as to theses, page 390.

**NOTE.**—One copy of each thesis submitted for the degree of D.Sc. will be retained by the University. Drawings intended for publication will be returned to candidates on condition that sketches or photographs of these drawings are provided to be retained with the thesis.

**NOTE.**—Applications should be sent to the Registrar and should include a complete list of published papers and be accompanied by copies of these papers. If possible the application and accompanying papers should be sent in duplicate in which case one set will be returned to the candidate after adjudication.

The last date for application and for payment of fees is January 31st of the year in which the candidate wishes to proceed to the degree. The fee is £15. 15s. of which £10. 10s. must be paid on application for the degree and the balance of £5. 5s. on graduation. For each application after the first an additional fee of £10. 10s. must be paid.

Candidates admitted under Ordinance 2 *b* must be recognised by the Faculty and are required to pay a fee of £3. 3s. before commencing their course of study.

**Ordinances** 1. The degree of Doctor of Science is conferred by the University on persons who shall be deemed by the Senate, after

considering a report from the Board of the Faculty, to have distinguished themselves by special research or learning, provided that the Senate may in such case as it thinks fit, after considering a report from the Board of the Faculty, also require candidates to pass such examination as it may from time to time determine.

2. The degree of Doctor of Science may be conferred on the following persons :

- (a) Masters of Science and Masters of Technical Science of the University of not less than four years' standing from the date of their graduation as Bachelors of the University ; provided that Bachelors of Science and Bachelors of Technical Science of the University, of not less than four years' standing, may be admitted to the degrees of M.Sc. and M.Sc.Tech. as the case may be, and of D.Sc. simultaneously on the recommendation of the Board of the Faculty of Science.
- (b) Masters of Science and Masters of Technical Science of the University, admitted under Ordinance 2 (a) and (b) concerning the degree of Master in the Faculties of Science and Technology respectively, provided that Masters under Ordinance 2 (a) shall be of not less than four years' standing from the date of their first degree in their original University, and that they shall not be admitted to the degree of D.Sc. until at least one year shall have elapsed from the date of such admission to the Master's degree ; and provided that Masters admitted under Ordinance 2 (b) shall not be admitted to the degree of D.Sc. until a period of not less than one year shall have elapsed from the date of such admission to the Master's degree.
- (c) Graduates in other Faculties of not less than four years' standing from the date of their graduation as Bachelors, who are recommended by the Board of the Faculty of Science, provided that, if they have not obtained the degree of Master, such degree of Master existing in their Faculty, they shall submit themselves for the degrees of Master of Science and Doctor of Science simultaneously.
- (d) Graduates of approved Universities who have obtained a degree substantially equivalent to the degree of Master of this University and are recommended by the Board of the Faculty. Such graduates must have pursued a course of study or research in this University during a period of not less than two years, and shall not be admitted to the degree of Doctor of Science until four years have elapsed from the date of their first degree in the approved Universities. (For exemption fee, see page 351.)

**inances** (e) Doctors of Philosophy of the University who have been awarded the degree of Doctor of Philosophy on a thesis on some subject coming within the scope of the Faculty of Science or Faculty of Technology. Such persons shall not be admitted to the degree of Doctor of Science until four years shall have elapsed from the date of their first degree in the approved University.

(f) Graduates of approved Universities who have conducted research work in this University and are recommended by the Board of the Faculty of Science, provided that such graduates shall have been full-time members of the staff of a department in the University for not less than five years.

**Regulations** 1. Applications for the degree of D.Sc. shall be made in writing to the Registrar and shall include a statement of the contributions published or accepted for publication, to Science on which the applicant's claim to the degree is based, together with one or more copies of any memoir which the applicant may desire to submit in support of the application.

2. The application must be based either wholly, or to a substantial extent, on original work of merit carried out independently by the candidate. If a candidate desires to submit in addition work which has been done in co-operation with others, he shall make a written statement indicating precisely the share which he has personally taken in the work.

### **Diploma in Bacteriology.**

**Ordinance** The University shall grant a Diploma in Bacteriology (Dp.Bact.) which shall be awarded by the Senate to candidates who have satisfied the University Regulations relating to the Diploma.

**Regulations** 1. Before commencing the course of study, candidates must produce evidence that they have:

- (a) Graduated in Science or in Medicine in this, or in some other approved University, or
- (b) Obtained a medical qualification, registrable in this country, which shall be approved by the Senate of this University, or
- (c) Obtained a qualification approved by the Senate other than those stated in (a) or (b).

All candidates must present evidence of previous training approved by the Senate as satisfactory for admission to the course.

2. Before entering for examination, candidates must present Regulations evidence of satisfactory attendance in the course of study prescribed for the Diploma, in the University.

3. The course of study shall include instruction in the following: (i.) General technical methods; (ii.) General bacteriology; (iii.) Bacteriological chemistry; (iv.) Systematic bacteriology; (v.) Filterable viruses; (vi.) Comparative pathology; (vii.) Bacteriological examination of water, milk, and foods; (viii.) Immunology.

4. The examination shall consist of:

- (a) One written paper on the subjects 3 (i.), (ii.), and (iii.) above.
- (b) Two written papers and one practical examination on the subjects 3 (iv.), (v.), (vi.), and (vii.), above.
- (c) One written paper and one practical examination on the subject 3 (viii.) above.
- (d) An oral examination.
- (e) Candidates shall, during the second half of the course, select some subject to be approved by the Professor, on which they must submit an essay at or before the time of presenting themselves for examination.

### **Certificates of Proficiency in Special Subjects.**

Candidates before entering upon a course leading to a Certificate are required to pass an Entrance Examination, for particulars see page 397.

#### **I. COURSE FOR CERTIFICATE IN ENGINEERING.**

The Engineering Certificates carry no title to a degree, but successful completion of the three years' course will furnish evidence of thorough scientific training for the Engineering profession in its various branches. The courses, however, are not intended to supersede the practical training which can only be obtained in the office of a Civil Engineer or the workshop of a Mechanical or Electrical Engineer.

Some of the principal Engineers in Manchester and the neighbourhood have signified their willingness to receive certificated Engineering students of the University into their works, either as premium apprentices for a short term or as ordinary apprentices without premium; and to confer upon them such privileges as they may from time to time be found qualified to avail themselves of.



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**A.—CIVIL AND MECHANICAL ENGINEERING.****COURSE OF STUDY.**

I. Candidates for the Certificate are required to attend courses of study extending over three years.

Certificates of satisfactory attendance and progress will be required in respect of:

- (a) Two courses of lectures in Engineering, each of three hours a week for a session.

The subjects of the courses are: Surveying, Graphic Statics and Theory of Structures, Strength and Testing of Materials, Kinematics and Dynamics of Machines, Heat Engines, Hydraulics.

- (b) Not less than three courses of lectures in Pure and Applied Mathematics or Experimental Mechanics, each of three hours a week for a session.

- (c) Two courses in the Engineering Laboratory, each of one day a week for a session, including special courses of lectures on Laboratory work.

- (d) Two courses of Drawing and Design, each of one day a week for a session, including special courses of lectures on Design and Drawing.

- (e) Two courses each of not less than two hours a week to be chosen from the following:—

1. Physics.
2. Geology.
3. Electrical Measurements and Theory of Electrical Machines.
4. Electrotechnics, Metallurgy and Fuel.
5. Chemistry.
6. Mining.
7. French or German.

Any deviation from the courses prescribed must be approved by the Professor of Engineering and sanctioned by the Vice-Chancellor.

**EXAMINATION.**

II. At the end of the third year candidates will be required to satisfy the Examiners in the following subjects:

1. (a) Surveying, (b) Theory of Structures.
2. (a) Strength and Elasticity of Materials, (b) Mechanics and Kinematics of Machines.
3. (a) Structural or Mechanical Design, (b) Problems in Geometrical Drawing.

## 4. One of the following:—

Regulations

- (1) (a) Dynamics of Machines. *i* Theory of Heat Engines.
- (2) (a) Hydraulics, *b* Descriptive Civil Engineering.

The award of the Certificate will depend on the marks obtained for the above papers and on the work done in the department during the three years.

## B.—ELECTRICAL ENGINEERING.

## COURSE OF STUDY.

I. Candidates for the Certificate are required to attend courses of study extending over three years.

Certificates of satisfactory attendance will be required in respect of :

- (a) Two courses of lectures in Mechanical Engineering and two courses of lectures in Electrical Engineering, each course to be of three hours a week for the session.
- (b) Not less than three courses of lectures in Pure and Applied Mathematics or Experimental Mechanics, each of three hours a week for the session.
- (c) A course of lectures in Physics of not less than two hours a week for the session.
- (d) Two courses in the Mechanical Engineering Laboratory and two courses in the Electrical Engineering Laboratory, each course to be of one day a week for the session.
- (e) Two courses of Drawing and Design, each of one day a week for the session.
- (f) One course of not less than two hours a week to be chosen from the following :—
  1. Chemistry.
  2. Metallurgy and Fuel.
  3. Mining.
  4. French or German.

## EXAMINATION.

II. At the end of the third year candidates will be required to satisfy the Examiners in the following subjects :

1. (a) Strength and Elasticity of Materials.
- (b) Mechanics and Kinematics of Machines.
2. (a) Dynamics of Machines.
- (b) Theory of Heat Engines.
3. Continuous-Current Measurements, Apparatus, and Machinery.

- ulations 4. Alternating-Current Measurements, Apparatus, and Machinery.  
 5. Generation, Transmission, and Distribution of Electrical Energy.

The award of the Certificate will depend on the marks obtained for the above papers and on the work done in the department during the three years.

#### C.—FOURTH YEAR'S COURSES.

Certificates of Distinction will be awarded to students who having passed satisfactorily through one of the above courses shall have spent a fourth year in the Mechanical or Electrical Laboratories, and shall have submitted at the end of the year an approved thesis on some special subject connected with their work.

#### II. COURSE FOR CERTIFICATE IN APPLIED CHEMISTRY.

The course extends over a period of three years, and comprises systematic instruction by means of lectures and practical work in the laboratories.

Before admission to the first year's course students are required to give such evidence of elementary knowledge of Mathematics and Chemistry as shall be considered satisfactory by the Senate.

The Senate may, under exceptional circumstances, and on the recommendation of the Professor, exempt candidates from attendance on the first year's course, but all candidates will be required to satisfy the Examiners in the subjects of the course.

The first year's course is the same for all students working for the Certificate.

In the second and third years a choice may be made between Inorganic and Organic Chemistry. By this division of the subject, a student wishing to apply himself specially to the inorganic side of the science may select to attend during his second year the Honours course in Metals, and courses on Electro-Chemistry, Geology or Petrology; during his third year he may select a course on one of the following: Physical Chemistry, Metallurgy, Electro-Chemistry, Geology or Petrology; while a student wishing to apply himself specially to the organic side of the science may attend during his second and third years the Honours Course on Organic Chemistry, and courses on the Coal Tar Colours and on Dyeing and Printing.

Part of the Laboratory practice in the second and third years will consist in the examination and analysis of raw materials,

products from chemical works, etc., in connection with the special Regulations  
courses of lectures on Applied Chemistry. In the Chemistry and  
Physics laboratories the practical work in the second year will be  
arranged in accordance with the branch of Chemistry selected by  
the candidate.

In the third year the student, if sufficiently advanced, will be  
set to work on some analytical process or problem in Applied  
Chemistry, under the direction of the teaching staff.

The successful completion of such an investigation in the  
University will entitle the student to a Certificate with distinction.

The following list contains the classes and practical courses,  
attendance on which is required from candidates for the Certificate.

Any deviation from the courses prescribed may only be made  
by written application to the Vice-Chancellor, with the sanction  
of the head of the department.

#### *First Year.*

Chemistry, III. (the Non-metals).

Chemistry, II. (Introduction to Organic Chemistry).

Mathematics, Pure or Applied.

Physics (II., with practical work, or III.).

Chemical Laboratory 3 days (Qualitative and Quantitative  
Analysis).

Mechanical and Geometrical Drawing (one term 6 hours per  
week).

#### *Second Year. (Inorganic.)*

Chemistry, IV. (Metals).

One of the following :

(a) Geology, I. A.

(β) Geology, III. A.

(γ) Fuel.

(δ) Electro-Chemistry.

Laboratory 3 days (for Practical work in Chemistry and Physical  
Chemistry).

Mechanical Drawing (one term 6 hours per week).

#### *Second Year. (Organic.)*

Organic Chemistry.

Laboratory 3 days (for Practical work in Chemistry).

Mechanical Drawing (one term 6 hours per week).

ations

*Third Year. (Inorganic.)***Metallurgy.** Lectures (a) or (b) and Practical.

One of the following :

(a) Fuel.

(β) Geology, I. A. or any higher course.

(γ) Geology, III. A.

(δ) Chemistry, V. (Physical Chemistry).

(ε) Practical Physics.

(ζ) Electro-Chemistry, I. or II.

**Chemical Laboratory** 4 days (Research in Inorganic Chemistry).*Third Year. (Organic.)***Organic Chemistry.****Colouring Matters and the Principles of Dyeing and Printing.****Chemical Laboratory** 4 days (Research in Organic Chemistry or Work in Higher Technical Organic Laboratory).

A student is required to obtain a first or second class in the class examinations in the following subjects, or to have satisfied the Examiners in a special examination :

**Chemistry, III.**

" Laboratory, first and second year.

**Introduction to Organic Chemistry.****Organic Chemistry or Chemistry, IV.****Mathematics.****Physics.**

And the optional subjects taken in the second year.

**Geometrical and Mechanical Drawing** (first year's course for the Certificate).

In the remaining subjects the candidate will be required to satisfy the examiners at the completion of the course.

\*\*\* In connection with the courses on Applied Chemistry visits will be arranged to mines, works, etc., in the neighbourhood.

**CERTIFICATES IN TECHNOLOGY (INCLUDING THE CERTIFICATE IN MINING).**

For regulations, see page 679.

## Syllabus of Classes.

Full details of the lecture and laboratory courses in the Faculty of Science are given in the Prospectus of the Faculty. Particulars of Fellowships, Scholarships, Exhibitions, and Prizes are given below on page 699 *et seq.*

## Department of Geology and Mining.

### DEGREES AND CERTIFICATES IN GEOLOGY AND MINING.

Students who have passed through approved courses and have passed the necessary examinations may be granted one of the following distinctions :

- The Certificate in Mining,\*
- The Ordinary Degree of B.Sc.,†
- The Degree of B.Sc.Tech.,‡ or
- The Degree of B.Sc. with Honours.§

After further prescribed study, and on the production of satisfactory evidence of results in research, students may be granted the degrees of

- M.Sc. or M.Sc.Tech.
- D.Sc.

The Certificate in Mining and the degree of B.Sc.Tech. in Mining are accepted by the Home and Indian Governments in lieu of two of the five years' practical experience otherwise required of candidates who apply for the Mine Manager's Certificate of Competency.

The courses arranged to qualify for the degree of B.Sc. with Honours in Mining Geology are specially designed to meet the requirements of candidates for appointment to the Geological Surveys of India and the Crown Colonies, and of those who intend to become Prospectors under Mining and Oil Companies.

In addition to the requirements of students who wish to take Geology as one of the qualifying subjects for the Intermediate and Final Ordinary B.Sc., the classes in this Department are organised to suit the needs especially of students who wish to take up the various branches of Geology and Mineralogy as a profession, including those who wish to specialise in Geology as applied to Coal, Metal, and Petroleum Mining with a view of becoming Consulting Geologists, Prospectors, or Officers of the various Geological Surveys.

For particulars of the courses in the Faculties of Science and Technology, see the respective Prospectuses of the Faculties.

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\* See page 679.

† See page 495.

‡ See page 656.

§ See page 505.

## **Facilities for Advanced Study in the Faculty of Science.**

Facilities are offered for advanced study and research in science. The Owens College buildings include the Natural History Museum, which is organised in connection with the Beyer Laboratories and the Zoological, Botanical, and Geological Departments; the Botanical Laboratories; the Physical Laboratories, with the John Hopkinson Laboratory of Electro-Chemistry; the Thomas Graham Colloids Research Laboratory; the Chemical Laboratories, to which are attached the John Morley Laboratories, the Schunck Research Laboratory and the Metallurgical Laboratories; and the Whitworth Engineering Laboratories. In the College of Technology, in which University courses are given, elaborate equipment has been installed for advanced work and research in applied science.

The Christie Library in the University contains a very valuable collection of scientific books and journals. For some years the University has co-operated with the Manchester Literary and Philosophical Society in order to make their libraries supplement each other and include between them all the important scientific periodicals.

Departmental libraries have been founded for the use of students in connection with many of the University Laboratories; e.g., the Schunck Library in the Chemical Department, the Milnes-Marshall Library in the Beyer Building, the special libraries which have been formed in the Physics and Engineering Laboratories and the Public Health Laboratories, and others.

University societies dealing with Biology, Chemistry, Engineering, Mathematics, and Physics, meet in the University buildings for the discussion of recent scientific work. The Manchester Literary and Philosophical Society gives an opportunity for the public discussion and publication of the results of scientific research.

Research students may be admitted to work in the Laboratories at reduced fees. These fees are fixed by the Vice-Chancellor on the recommendation of the Director of the department concerned. Students desiring to work in a particular department may obtain full information on this point by communicating with the Director of that Department.

For particulars as to research degrees and fees, see page 352. For full details as to the departments in which facilities for advanced study in Science are offered, see the Prospectus of Advanced Studies.

## The Faculty of Law.

Students proposing to study for the LL.B. degree should pass the Matriculation Examination, taking Latin as one of the subjects, before the commencement of their Law Course. Candidates must in addition pass the Intermediate and Final LL.B. Examinations after attendance on courses of study in accordance with the regulations stated below.

### DEGREES IN LAW.

1. The degrees in the Faculty of Law are Bachelor of Laws <sup>Ordinances</sup> (LL.B.), Master of Laws (LL.M.), and Doctor of Laws (LL.D.).

### DEGREE OF BACHELOR OF LAWS.\*

2. The degree of Bachelor of Laws may be conferred either as an ordinary degree or as a degree with Honours.

3. All candidates for the degree of Bachelor of Laws are required to have passed the Matriculation Examination, or to have obtained a certificate of exemption therefrom, or to have graduated in an approved University. They are also required to have passed in Latin in the Matriculation Examination or in some examination of equal or higher standard, or to give evidence of such proficiency in Latin as may be satisfactory to the Board of the Faculty of Law.

[NOTE.—A student intending to take the course for the degree of LL.B. is entitled to exemption from the Matriculation Examination, provided that he has passed an examination approved for the purpose of exemption by the Joint Matriculation Board of the Universities of Manchester, Liverpool, Leeds, Sheffield, and Birmingham. The Board will also consider applications for exemption from Barristers-at-Law, and Solicitors of the Supreme Court.

All applications for exemption must be addressed to the Secretary, Joint Matriculation Board, 315, Oxford Road, Manchester, 13, and grants of exemption will be subject to and conditional upon the payment of the registration fee of £2.

For further particulars, see page 396.

An alternative Matriculation Examination has been instituted for persons of mature age. Particulars may be obtained from the Secretary to the Joint Matriculation Board.]

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\* See general note as to graduation, page 3-9.



**Ordinances** 4. The examination for the degree of Bachelor of Laws is divided into two parts, called respectively the Intermediate Examination and the Final Examination.

5. The subjects of the Intermediate Examination are :

(i.) The English Constitution, (a) its history, and (b) its law and custom, including the study of one or more set books to be prescribed from time to time by the Board of the Faculty of Law.\*

(ii.) Criminal Law and Procedure.

(iii.) Elements of the Law of Contract and Tort.

(iv.) Logic or Political Economy or History or any other subject of not less than Intermediate grade coming within the scope of the Faculty of Arts, to be selected by the student with the approval of the Board of the Faculty of Law.

At the Intermediate Examination the following papers are set :

(a) Two papers on the English Constitution.

(b) One paper on Criminal Law and Procedure.

(c) One paper on the Elements of the Law of Contract and Tort.

(d) The paper, or papers, set in the Faculty of Arts in the subject chosen under (iv.) above.

6. Candidates for the Intermediate Examination are required to attend a course of study approved by the University in the Faculty of Law for one year.

7. A candidate for the Intermediate Examination who fails to satisfy the examiners in the subject selected under Ordinance 5 (iv.), but who passes in the law subjects of the examination, may, in special cases, by permission of the Board of the Faculty of Law, be allowed to sit for a supplementary examination in the subject in which he has failed, and if successful in such supplementary examination, shall be deemed to have passed the Intermediate Examination.

8. The subjects for the Final Examination for the Ordinary Degree of Bachelor of Laws are :

(i.) The principles of the Law of Real Property and Conveyancing.

(ii.) The principles of the Law of Contracts, including the elements of the more important commercial contracts.

(iii.) The principles of the Law of Torts.

(iv.) The principles of Equity, with special reference to the Law relating to Trusts and Partnership.

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\* See page 351.

- (v.) Roman Private Law, to be studied in such parts of the Ordinances Institutes of Gaius and Justinian as may be selected from time to time by the Board of the Faculty of Law.\*
- (vi.) Jurisprudence, including the study of one or more set-books to be prescribed from time to time by the Board of the Faculty of Law.\*
- (vii.) The Elements of the Law of Evidence.

At the Final Examination, one paper will be set in each of the foregoing subjects. In the paper under v., questions will be set involving (a) comparisons between Roman and English Law. (b) passages for translation and comment from the prescribed texts.

9. Candidates for the degree of Bachelor of Laws with Honours are required to reach a higher standard than that which is required from candidates for the ordinary degree in the papers set under Ordinance 8 and, in addition, to satisfy the Examiner, in :

- (viii.) A special subject to be selected by the student from a list of subjects prescribed from time to time by the Board of the Faculty of Law.\*
- (ix.) Public International Law.
- (x.) An Essay Paper.

10. Candidates for the Final Examination are required to attend a course of study approved by the University in the Faculty of Law for two years after passing the Intermediate Examination : except that the Board of the Faculty of Law may, in special cases, admit to the Final courses of study a candidate who has attended for one year on the Intermediate courses but has not completed his Intermediate Examination, and may admit such candidate to the Final Examination at the end of one year after he has completed the Intermediate Examination.

11. Graduates of this University in any other Faculty, and graduates (or persons who have passed the Final Examination for a degree) of approved Universities who have pursued courses of study in such University qualifying for graduation, may, by permission of the Board of the Faculty of Law and of the Senate, proceed to the Final Examination after two instead of three years' study in the Faculty of Law, and are required to be examined in subjects (i.), (ii.), and (iii.) only of the Intermediate Examination.

12. No candidate will be permitted (except by special permission of the Board of the Faculty) to present himself for the Final

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\* See page 551.

**finances** Examination for the degree of Bachelor of Laws with Honours after the expiration of four years from the date when he first became a student in the Faculty of Law.

13. A candidate for the degree of Bachelor of Laws with Honours who has failed to complete the Final Examination for that degree may be recommended by the Board of the Faculty of Law for the Ordinary Degree of Bachelor of Laws, on the ground of ill-health, and may be awarded the Ordinary Degree, provided that, in the opinion of the Board, the record of his work during his course of study has been satisfactory.

**gulations** 1. The Intermediate and Final Examinations are held ordinarily once in each calendar year.

2. The names of candidates who have passed the Intermediate Examination are published in two divisions in alphabetical order, and the names of those who have passed the Final Examination in one list in alphabetical order:

Provided that the names of candidates who have passed the Intermediate Examination and who have also satisfied the requirements of Ordinance 9 for the degree of Bachelor of Laws with Honours, shall be placed on a separate list as having obtained the degree of Bachelor of Laws with Honours, and the names placed on such separate list shall be published in three classes in alphabetical order.

3. Candidates for the Intermediate Examination will be required to attend the classes in the subjects of the examination for one year:

Provided that candidates who are already graduates of this University in some other Faculty, or graduates (or persons who have passed the Final Examination for a degree) of approved Universities are not required to attend classes in or to be examined in any subject under Ordinance 3 (iv.).

4. Candidates for the Final Examination will be required to attend the classes in the subjects of the examination during two years after passing the Intermediate Examination.

Provided (1) that the Board of the Faculty of Law may in special cases admit to the Final Courses of study a candidate who has attended for one year on the Intermediate Course but has not yet completed his Intermediate Examination, and may admit such candidate to the Final Examination at the end of one year after he has completed the Intermediate Examination.

Provided (2) that candidates who are allowed under Ordinance 11 to proceed to the Final Examination after two instead of three years' attendance on classes in the Faculty of Law must attend during the first of such years the classes for the Intermediate Examination, together with such classes as students who are pursuing their Final Courses of study are required to attend.

### DEGREE OF MASTER OF LAWS.

See general note as to theses, page 359.

1. The degree of Master of Laws may be conferred on : Ordinances
  - (a) Bachelors of Laws of not less than two years' standing from the date of their graduation as Bachelors who shall present a satisfactory thesis involving scientific discussion or historical research on a subject coming within the scope of the Faculty of Law; provided that a candidate may be required, at the discretion of the Board of the Faculty of Law, to present himself for an examination (oral or written) on the subject of the thesis and matters relevant thereto.
  - (b) Graduates of the University in other Faculties than the Faculty of Law who have *either* (i.) been called to the Bar or admitted on the rolls as solicitors, *or* (ii.) have furnished evidence, satisfactory to the Board of the Faculty of Law, of their knowledge of Law, after an attendance of not less than two years, subsequent to their graduation in the University, on approved classes or an approved course of study in the Faculty of Law; and who, in either case, have fulfilled, in addition, the requirements for the degree of Master of Laws under Ordinance 1 (a).
2. The degree of Master of Laws may also be conferred on :
  - (a) Graduates (or persons who have passed the Final Examination for a degree) of approved Universities who have pursued courses of study in such University qualifying for graduation, and who *either* (i.) have been called to the Bar or admitted on the rolls as solicitors, *or* (ii.) can give satisfactory evidence of legal qualifications of equal or higher standing, and who, in either case, have for two years conducted in the University research work approved by the Board of the Faculty of Law and attended approved classes or an approved course of study in the University, and, in addition, have fulfilled the requirements for the degree of Master of Laws under Ordinance 1 (a).

**Ordinance -** (b) Persons who are not graduates (nor have passed the Final Examination for a degree) of an approved University, who have conducted for three years in the University research work approved by the Board of the Faculty of Law and have, during the same three years, attended approved classes or an approved course of study in the University, and, in addition, have satisfied the requirements for the degree of Master of Laws under Ordinance 1 (a); provided that no person will be admitted as a candidate for the degree of Master of Laws under Ordinance 2 (b) unless he has:

- (i.) been called to the Bar or admitted on the rolls as a solicitor or presented satisfactory evidence of legal attainments of equal or higher standard; and
- (ii.) satisfied the Senate of his general educational qualifications.

**Regulations** Persons who become candidates for the degree of Master of Laws under *either* Ordinance 2 (a) *or* Ordinance 2 (b) must, at the beginning of the prescribed period of study, register as students of the University and apply for recognition to the Board of the Faculty of Law.

Candidates for the degree of Master of Laws under Ordinances 1 (a) *or* 1 (b) *or* 2 (a) must pay the required fees not later than June 1st, and notify the Registrar by that date of the titles of their theses. These theses must be presented not later than September 15th.

Candidates may, however, pay the required fees not later than March 1st, notify the Registrar by that date of the titles of their theses, and present their theses on or before April 30th with a view to obtaining the degree at midsummer.

Candidates for the degree of Master of Laws under Ordinance 2 (b) must pay the required fees and notify the Registrar not later than March 1st, and their theses must be presented not later than April 30th.

Forms of notice may be obtained from the Registrar.

### DEGREE OF DOCTOR OF LAWS.

See general note as to theses, page 399.

**Ordinances** 1. The degree of Doctor of Laws may be conferred on persons who are deemed by the Senate, after considering a report from the Board of the Faculty of Law, to have distinguished themselves by special research or learning in Law, provided that the Senate may, in such cases as it thinks fit, after considering a report from the Board, also require a candidate to pass such examination as it may from time to time determine.

2. The degree of Doctor of Laws may be conferred on the following persons :

- (a) Masters of Laws of the University of not less than two years' standing from the date of their graduation as Masters in the University : provided that Bachelors of Laws of the University of not less than four years' standing from the date of their graduation as Bachelors may, on the recommendation of the Board of the Faculty of Law, be admitted to the degrees of Master of Laws and Doctor of Laws simultaneously.
- (b) Graduates of the University in other Faculties of not less than four years' standing from the date of their graduation as Bachelors, who are recommended by the Board of the Faculty of Law, provided that, if such candidates have not obtained the degree of Master, such degree of Master existing in their Faculty, they must submit themselves for the degrees of Master of Laws and Doctor of Laws simultaneously.
- (c) Graduates of approved Universities who have obtained a degree which is deemed to be substantially equivalent to the degree of Master of this University and are recommended by the Board of the Faculty of Law ; provided that such graduates have pursued a course of study or research in this University for a period of two years at least, and that at least four years have elapsed from the date of their first degree in their original University.

Applications for the degree of Doctor of Laws shall be made, in writing, to the Registrar\*, and shall include a statement of the contributions to the knowledge of Law on which the applicant's claim to the degree is based, together with one or more copies of any memoir, whether in type or in manuscript, which the applicant may desire to submit in support of his application. Regulations

## EXAMINATIONS OF THE LAW SOCIETY.

### 1. *The Preliminary Examination.*

The Matriculation Examination of the University is accepted by the Law Society instead of their Preliminary Examination.

Candidates who actually enter for and pass in the First Division at the Matriculation Examination may be articulated for four instead of five years, provided that Latin be one of the subjects in which the candidate has passed at such examination.

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\* Applications should be sent to the Registrar, not later than January 31st of the year in which the candidate wishes to proceed to the degree.

### 2. *Solicitors' Intermediate Examination.*

Students who have passed the Intermediate LL.B. Examination of the University before entering into articles (provided they have passed the Matriculation Examination of the Joint Matriculation Board, or some examination exempting therefrom, Latin being passed as a subject, and have attended the prescribed curriculum for the course, are required to be articled for *four* years only.

Graduates in Law of the University are excused the Legal portion of the Solicitors' Intermediate Examination, but are required to take the Book-keeping and Trust Accounts portion.

### 3. *Solicitors' Final Examination.*

Students who take the degree of LL.B. before entering into articles have two advantages: (1) they are required to be articled for *three* years only; and (2) they are excused the Solicitors' Preliminary Examination and the Legal portion of the Solicitors' Intermediate Examination.

### 4. *Solicitors Act, 1932.*

Section 32 of this Act provides that, subject to certain exceptions, a person articled to a solicitor after December 31st, 1922, shall not be admitted to the Final Examination, unless he satisfies the Law Society that he has, during a period of one year, such period being continuous or subject to such intervals as the Society may think reasonable, complied with the requirements of the Society as to attendance at a course of legal education at a law school provided or approved by the Society.

The Faculty of Law of the University is a school "approved" by the Law Society under this section.

The Council of the Law Society have made the following Regulations as to attendance at a course of legal education by persons presenting themselves for the Society's Final Examination, namely:

- (1) Attendance is required during three or more academic terms, each of not less than five weeks' duration, at lectures and classes on law (and not on Trust Accounts or Book-keeping) at one or more of the Law Schools provided or approved by the Society. While it is desirable that the attendance should be in consecutive terms, the Society has power under the Act to permit of such intervals as it may think reasonable.

- (2) The total attendance must amount to a minimum of 72 hours, either of not less than 4 hours a week during at least 18 weeks, or 3 hours a week during at least 24 weeks, or 2 hours a week during at least 36 weeks. Attendance of less than 2 hours a week during each of 5 weeks in a term at the same School cannot be counted in calculating the total attendance.
- (3) Attendance at a course of legal education shall mean attendance satisfactory in character to each Law School. The records of each Law School shall be conclusive as to attendance made at that School.
- (4) The attendance may be before, during, or after service under articles, but must be completed before admission to the Final Examination.
- (5) Every person articled to a solicitor after December 31st, 1922, unless he is exempted from the provisions of the section, must produce to the Secretary of the Society at the time of giving notice for his Final Examination, a certificate (or two or more certificates in the case of those students who attend at more than one Law School), signed by a responsible authority of each Law School at which his attendance has taken place, as evidence that he has complied with these Regulations. Such certificate or certificates will be accepted not less than 14 days before the first day of the Final Examination, if the candidate has not, at the time of lodging his notice for the Final Examination, completed his statutory attendance at a Law School.

The University provides special classes for articled clerks who wish to satisfy these regulations without reading for the degree of LL.B. The classes are mainly tutorial in character. They occupy, normally, two hours on each of two afternoons per week and are designed to assist students who are preparing for the Intermediate and Final examinations of the Law Society. Students may, however, substitute other courses by permission of the Tutor for Articled Clerks, *to whom all students who contemplate entering the University with a view to satisfying the requirements of Section 32 of the Solicitors Act, 1932, should apply for an interview.*

#### EXAMINATIONS OF THE COUNCIL OF LEGAL EDUCATION.

The various classes will be found useful in preparing for examinations students intending to be called to the Bar.

The Council accept the Matriculation Examination of the University in lieu of their Preliminary Examination, provided the student has passed in Latin.



The Graduates in Law of the University may obtain exemption from the examination in Roman Law previous to being called to the Bar.

Undergraduates of the University can keep their terms at any of the Inns of Court by dining in Hall any *three* days in each term.

For further information, students should apply to the Secretary, Council of Legal Education, 15, Old Square, Lincoln's Inn, London. W.C.2.

## Lectures and Classes.

SESSION 1933-34.

*For full details of lecture courses, see the Prospectus of the Faculty of Law. For particulars as to Fellowships, Scholarships, Exhibitions, and Prizes, see page 609.*

### PLACE OF LECTURE.

Classes are held both at the University and at the Law Library, Kennedy Street. Students are advised to note the place of any lectures for which they register.

**NOTE.**—The fees for the classes for non-compounding students are ordinarily at the rate of £3. 3s. for any class which occupies one hour a week throughout the session.

- I. English Law: (A) Solicitors' Intermediate Class. (B) Solicitors' Final Class. (C) Book-keeping Class. (D) Real Property. (E) Equity. (F) Conveyancing. (G) Common Law. (H) Elements of Contract and Tort. (J) Criminal Law. (K) Probate and Divorce Law. (L) Law of Evidence. (M) Civil Procedure.
- II. Public International Law.
- III. The English Constitution.
- IV. Roman Law.
- V. Tutorial Classes (A. for Intermediate LL.B.; and B. for Final LL.B.).
- VI. Commercial Law.
- VII. Company Law.
- VIII. Elements of English Law.

Articled clerks preparing for the Law Society's Intermediate Examination may enter for I. A. and C., on payment of a special Composition fee of £6. 6s. for the session. Articled clerks preparing for the Law Society's Final Examination may enter for I. B. and C. on payment of a Composition fee of £8. 8s. for the session. They may also, if entered for I. B., register for any or all of the classes I. F., G., K., and L. without any further fee. Other classes may be added with the permission of the Tutor for Articled Clerks.

Fee for the Book-keeping Class I. (C) alone, £1. 11s. 6d.

The Dauntsey Legal Scholarships and the Dauntsey Prize in International Law will be offered in the session 1933-34. (For Regulations, see pages 763, 764, and 806.)

### Set Books and Special Subjects in the Faculty of Law for 1933-34.

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#### THE ENGLISH CONSTITUTION :

Set Books: Wade & Phillips, *Constitutional Law*; Dicey, *Law of the Constitution*; Maitland, *Constitutional History of England*.

#### JURISPRUDENCE :

Set Books: Holland, *Elements of Jurisprudence*; Maine, *Ancient Law*; Allen, *Law in the Making*; Eastwood and Keeton, *Introduction to the Austinian Theories of Law and Sovereignty*.

#### LIST OF SPECIAL SUBJECTS UNDER ORDINANCE 9 (viii.) :

- (i.) Bankruptcy and Company Law.
- (ii.) Probate and Divorce Law.
- (iii.) Conflict of Laws.

#### ROMAN LAW : Selected Portions of the Institutes :—

- (i.) Gaius: Books i. (Tit. 56—64; 97—123; 159—164);  
iv. (Tit. 1—44).
  - (ii.) Justinian: Books i. (Tit. 1, 2); ii. (Tit. 1—9); iii.  
(Tit. 13—29); iv. (Tit. 1—5, 7—9, 13, 15).
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## The Faculty of Medicine.

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### GENERAL INFORMATION FOR STUDENTS.

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There are two classes of qualifications, namely, the Medical and Surgical degrees conferred by the Universities, and a Diploma of one of the Examining Boards. In preparing for the Preliminary Examination in the subjects of general education, the intending student should make himself acquainted with the schedule of subjects included in this examination.

As the curriculum for all Medical students—whether for a Diploma or a University degree—must extend over a period of five years from the date of passing a recognised examination in Chemistry and Physics, students are recommended to qualify for the University course by passing the Matriculation Examination of the University (see page 396).

After passing a recognised Preliminary Examination, the student enters the Medical School, at the beginning of the Winter session, and on completion of a recognised examination in Chemistry and Physics must be registered with the General Medical Council. The student is enrolled for this purpose by the Dean, who will transmit to the Registrar of the General Medical Council, 44, Hallam Street, Portland Place, London, W., Certificates stating (1) that the student has commenced his medical studies, (2) that he has passed a recognised Preliminary Examination, (3) that he has attained the age of seventeen. The Certificates referring to (2) and (3) should be handed to the Dean when the student enters the Medical School.

Candidates before sitting for the examinations for the qualifications of the Conjoint Board or for the Diploma in Dental Surgery of the Royal College of Surgeons are required to present satisfactory certificates of attendance and to satisfy the teachers either in the Class Examination or in a Test Examination in the subject concerned.

### IMPORTANT NOTICE.

Under the existing regulations of the General Medical Council, a student preparing for the degree of M.B., Ch.B., must complete a curriculum extending over five years after the examination in Chemistry and Physics has been passed.

Students who enter the University in October, 1933, will therefore take Chemistry and Physics during the first Winter session and should pass Part I. of the First M.B. Examination in

March, 1934, when they will be registered by the General Medical Council, and, on the completion of the necessary courses and passing the prescribed examinations, will obtain the degrees of M.B., Ch.B., five years later, that is, in *July, 1939*.

Students on entering the Medical Faculty are required to have passed in English Composition, Mathematics, and Latin in the Matriculation Examination or some equivalent examination accepted by the University.

Students desiring to enter on a course in the Faculty of Medicine leading to the degrees of M.B., Ch.B., will be required to pass in Mechanics as one of the subjects of the Matriculation Examination, or to give evidence that shall be satisfactory to the Senate that they have attained a standard in Mechanics substantially equivalent to that of Matriculation.

N.B.—Details of the examinations regarded as satisfying the University requirements in Mechanics for admission to the Faculty of Medicine will be found on pages 334—336.

#### SUMMARY OF REGULATIONS FOR DEGREES OF M.B., CH.B.

*Matriculation* to enter the Medical Faculty must include :

English Composition, Mathematics, Latin, and Mechanics.

*Four Examinations* are held for the degrees of M.B., Ch.B., viz.:

##### *The First Examination.*

Part I. Chemistry and Physics.

Part II. Biology: (a) Botany, (b) Zoology.

##### *The Second Examination.*

Anatomy and Histology.

Physiology.

##### *The Third Examination.*

Pharmacology (including Materia Medica and Pharmacy).

Pathology and Bacteriology.

##### *The Final Examination.*

Part I. Forensic Medicine and Toxicology.

Hygiene and Preventive Medicine.

Part II. Medicine (including Therapeutics, Mental and Children's Diseases).

Surgery (including Ophthalmology and Diseases of the Ear, Throat, and Nose).

Obstetrics and Gynaecology.

This curriculum will occupy five years and nine months, and the students should present themselves for the First part of the Final Examination not earlier than July of their fifth academic year, and for the Second part of the Final not earlier than July of their sixth academic year.

## FEES FOR COURSES OF MEDICAL STUDY.

Cheques should be drawn payable to "The BURSAR, The Victoria University of Manchester," and crossed "District Bank Limited."

**NOTE.**—The Council reserve the right to alter any of the fees for University courses or examinations without previous notice.

## STUDENTS REGISTERING FOR THE FIRST TIME.

Students registering for the first time and paying Composition Fees are supplied free with a copy of the *University Calendar*. The charge for a further copy is three shillings.

## COMPOSITION FEES.

The Medical Composition Fees include the Library Fee, the Students' Union Fee, and the Athletic Union Fee, during the sessions in which an instalment of the Composition Fee is paid. The subscription to the Medical Students' Representative Council is compulsory upon all Medical students, and each instalment of the Composition Fee payable in the second, third, fourth, and fifth years of study includes a sum of 10s. 6d. for this purpose. The fees for instruction given at the Manchester Royal Infirmary and other Hospitals, for Vaccination instruction, for certain special courses, and for the use of apparatus, microscopes, &c., are additional.

Owing to the increase of the Men's Union Fee to £2. 8s. 6d. there is a difference in the Composition Fees for Men and Women.

## I. M.B. and Ch.B., University of Manchester.

	<i>Men.</i>	<i>Women.</i>
First M.B. Course ... ..	40½ guineas.	40 guineas.
For the remaining five years of medical study, payable in four equal instalments of 28½ guineas for men and 28 guineas for women at the commencement of each Session ... ..	114 ,,	112 ,,

## II. M.B. and B.S., University of London.

First Medical Course ... ..	40½ ,,	40 ,,
For the remaining five years of medical study, payable as follows :		
In the second year, Men 38½ guineas, Women 38 guineas (this fee includes the necessary classes in Organic Chemistry) and in the third, fourth, and fifth years, Men 28½ guineas, Women 28 guineas ... ..	124 ,,	122 ,,

## III. Diplomas of the Conjoint Board.

	<i>Men.</i>	<i>Women.</i>
Pre-Medical Course ... ..	35½ guineas.	35 guineas.
For the remaining five years of medical study, payable in four equal instalments of 28½ guineas for Men and 28 guineas for Women at the commencement of each Session... ..	114 „	112 „

- IV. Students from other Schools who have completed the courses qualifying for the examination in Anatomy and Physiology may take out the remaining classes included under the Composition Fee on payment of a sum of 77 guineas for Men and 76 guineas for Women.

## OTHER FEES.

For fees for revision courses, see syllabus of subjects in the *Prospectus of the Faculty of Medicine*.

**Students failing to complete their course in any subject and requiring to supplement the number of lectures attended, must re-register and pay one-half of the ordinary class fee.**

Students who have paid the Composition Fee, and who are desirous of repeating attendance on any class (except Physics, Chemistry, Biology, and all practical classes), may be allowed to do so on paying one-half of the ordinary class fee for each class attended.

A student, however, who desires to continue his study of Practical Anatomy beyond the prescribed course will be required to pay £3. 3s. for a one month's, £5. 5s. for a three months', or £8. 8s. for a six months' course in the same session.

Students who have paid the required fees and attended the First M.B. course, the First Medical London course, or the First year's course for the Conjoint Diploma, and who are desirous of repeating attendance on the full course will be allowed to do so, if the necessary accommodation is available, at a reduction of five guineas from the Composition Fee for this course.

A fee of £3. 13s. 6d. is payable for the necessary Chemicals, etc., and for the use of apparatus required for the classes in Practical Chemistry.

Students attending the Practical classes in Physics and Physiology are required to pay a deposit, Physics £1. 1s., Physiology £1. 10s., which will be returned to them at the end of the session, after deducting the cost of papers, etc., supplied to them and any damage done to apparatus which can be traced to their carelessness.

Microscopes are supplied for the use of students on payment of a fee (see statements under the headings of the Practical Classes in Histology, Pathology, Zoology, and Botany in the *Prospectus*. Students are advised to provide their own microscopes.

The classes for the primary F.R.C.S. and the Senior class in Operative Surgery (for Final F.R.C.S.) are not included in the Composition Fee.

The special fee of £1. 11s. 6d. due to the Officer of the Ministry of Health for the course in Vaccination is payable at the Bursar's Office.

Occasional students (i.e., those attending not more than two classes) are required to pay during the first three years of studentship, in addition to the usual Class fees, a Registration fee of £1. 1s., which includes the use of the Library.

Occasional students who desire to become members of the various Unions, may do so on payment of the following fees :

				£	s.	d.
Men's Union	...	...	...	2	8	6
Women's Union	...	...	...	1	18	0
Men's Athletic Union	...	...	...	2	0	0
Women's Athletic Union	...	...	...	2	0	0

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**\*APPROXIMATE STATEMENT OF THE COST OF FEES  
IN THE SEVERAL YEARS OF THE MEDICAL  
DEGREE COURSE.**

1st Year.	Composition Fee for First M.B.					
	Course ... ..	£12	10	0		
	Chemicals and Apparatus ... ..	3	18	6		
	Physics Deposit ... ..	1	1	0		
	First M.B. Examination Fee ... ..	8	8	0		
						55 13 0
2nd Year	1st Instalment Medical Composi-					
	tion Fee ... ..	29	18	6		
	Physiology Deposit ... ..	1	10	0		
						31 8 6
3rd Year	2nd Instalment Medical Composi-					
	tion Fee ... ..	29	18	6		
	Physiology Deposit ... ..	1	10	0		
	Royal Infirmary Fee ... .. (a)	63	0	0		
	Second M.B. Examination Fee ... ..	8	8	0		
						102 16 6
4th Year.	3rd Instalment Medical Composi-					
	tion Fee ... ..	29	18	6		
	Vaccination Fee ... ..	1	11	6		
	Third M.B. Examination Fee ... ..	8	8	0		
						39 18 0
5th Year	4th Instalment Medical Composi-					
	tion Fee ... ..	29	18	6		
	St. Mary's Hospital (Obstetrical					
	Practice) Two months... .. (b)	29	8	0		
	St. Mary's Hospital, Children ... .. (b)	1	1	0		
	Final Examination Fee ... ..	8	8	0		
						68 15 6
6th Year.	Fee on Conferment of Degrees of					
	M.B., Ch.B. ... ..	8	8	0		
						8 8 0
						£306 19 6

(a) This fee can either be paid as above or in three instalments of £21, at intervals of twelve months.

(b) This fee is payable at St. Mary's Hospital.

The cost of Books, Instruments, hire of Microscopes, and extra Classes, if required, varies with the individual student but may possibly be covered by an additional £30 during the six years' course.

NOTE.—A fee paid for an examination is not returnable, nor is it carried forward to the next examination except by special permission. Application for such permission must be made to the Registrar within one month after the date of the examination for which the fee was paid.

\* For Women students the First M.B. Composition Fee is £42, and in each of the second, third, fourth, and fifth years the instalment of the Medical Composition Fee is £29. 8s.

The Museums of Human and Comparative Anatomy, Pathology, and Materia Medica are open without fee to all students of the Department of Medicine.



## Examinations and Degree Courses.

### COURSES OF MEDICAL STUDY LEADING TO A DEGREE IN THE UNIVERSITY.

Candidates are required to pass the Matriculation Examination or such other examination as may be accepted in lieu thereof. Any exempting examination *must* include Latin, except in the case of graduates of Universities of the United Kingdom.

Arrangements are made by the Joint Matriculation Board for a special examination for candidates over 23 years of age. Applications must be sent to the Secretary to the Joint Matriculation Board not later than May 1st.

For further particulars and conditions of exemption from Matriculation Examination, application should be made to the Secretary, Joint Matriculation Board, 315, Oxford Road, Manchester, 13.

Candidates entering upon a course for a degree in the Faculty of Medicine are required :

- (i.) To have passed in Latin as a subject of the Matriculation Examination, or, in special cases, to give such other evidence of the knowledge of Latin as may be satisfactory to the Senate.
- (ii.) To have passed in Mathematics as a subject of the Matriculation Examination, or to give evidence satisfactory to the Senate of having attained an equivalent standard.
- (iii.) To have passed in Mechanics as a subject of the Matriculation Examination, or to give evidence satisfactory to the Senate of having attained an equivalent standard.  
(See below.)

If a student has not obtained Matriculation in the subjects specially required for entrance to the degree course in medicine (Mathematics, Latin, and Mechanics) he may supplement his Matriculation Certificate in the following way :

*Mathematics* :—To pass in Mathematics as a *supplementary* subject of the Matriculation examination, or to give evidence to the Senate of having attained an equivalent standard.

*Latin* :—To pass in Latin as a *supplementary* subject of the Matriculation examination, or in special cases, to give such other evidence of the knowledge of Latin as may be satisfactory to the Senate.

*Mechanics* :—The examinations regarded as satisfying the University requirements with respect to Mechanics are set out on pages 334—335.

## ORDINANCES AND REGULATIONS.

NOTES.—No degree shall be granted on a thesis or published work which has already been submitted in support of an application for a degree in any other University.

No Medical student who is a candidate also for the degree of B.Sc. is allowed to proceed to the Final B.Sc. Examination unless, after passing the Intermediate Examination, he devotes himself for at least one year exclusively to the specified subjects of the Final Examination for the Degree of B.Sc.

Students are registered by the General Medical Council immediately after they have passed Part I. of the First M.B. Examination.

1. The degrees in the Faculty of Medicine are Bachelor of Medicine and Bachelor of Surgery (M.B. and Ch.B.), Doctor of Medicine (M.D.), and Master of Surgery (Ch.M.).

### DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY.

Candidates for degrees in Medicine and Surgery are required to register as students in the University.

2. All candidates for the degrees of Bachelor of Medicine and of Surgery are required to have passed the Matriculation Examination, or an approved equivalent examination, and to have satisfied the Examiners in the several subjects of four examinations, entitled respectively :

The First Examination ;  
The Second Examination ;  
The Third Examination ;  
The Final Examination.

### FIRST EXAMINATION FOR THE DEGREES OF BACHELOR OF MEDICINE AND OF SURGERY.

3. Candidates, on presenting themselves for the First Examination, are required to furnish certificates of having attended approved courses in the subjects of examination, and to have passed the Matriculation Examination, or such other examination as may have been recognised by the Joint Matriculation Board in that behalf.

4. The subjects of the First Examination are :

Part I. Chemistry and Physics.

Part II. Biology : (A) Botany ; (B) Zoology.

**ulations** The examination is divided into two Parts: Part I., Chemistry and Physics; Part II., Biology: (A) Botany; (B) Zoology. Candidates pass in these parts separately. A candidate in Part I., who has passed creditably in one subject and obtained not less than a certain minimum of marks in the other subject, may enter separately for such other subject in a subsequent examination.\*

Students who have passed the Higher School Certificate Examination in Chemistry and/or Physics may, with the permission of the Faculty of Science, take higher courses in these subjects and sit for a special examination.

The detailed subjects of the First Examination are as follows:

I. (1) *Chemistry* :—

Inorganic Chemistry, with special reference to the Non-metals.  
Elementary Organic Chemistry.  
Practical Chemistry.

(2) *Physics* :—

The Properties of matter; the chief phenomena of Sound, Heat, Light, Electricity, and Magnetism, treated in an elementary manner.  
Practical Physics.

II. *Biology* :—

(A) Botany.

Vegetable Morphology, Physiology.  
Laboratory work.

(B) Zoology.

Elementary Animal Morphology, Physiology, and Development.  
Laboratory work.

One three-hours' paper, and practical examinations in each of the subjects of Part I. and Part II. (A) and (B).

The examination in Part I. is held in March and September. The examination in Part II. (A) Botany, is held in September and December. The examination in Part II. (B) Zoology, is held in March and June of the second year.

The names of candidates who have satisfied the Examiners in any part of the First Examination are published in alphabetical order.

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\* Students who pass the First M.B. Examination (Parts I. and II.) may proceed to the Final Examination for the Ordinary Degree of B.Sc., without having to pass a further intermediate Examination, but such Medical students will be required to devote at least one year exclusively to the subjects of the Final Examination for the Degree of B.Sc.

The fee for the First M.B. Examination is £8. 8s.; for each Regulations re-examination, £3. 3s.

Students for the First Examination for the degrees of M.B. and Ch.B., who present themselves for the examination in Part I. in March and September, and for Part II. (A) in September and December, and fail to pass any part of it, may not be re-admitted to the University.

## SECOND EXAMINATION FOR THE DEGREES OF BACHELOR OF MEDICINE AND OF SURGERY.\*

5. Candidates, on presenting themselves for the Second Ordinance Examination, are required to furnish certificates of having attended courses of instruction in each of the subjects of the examination in accordance with the University regulations for attendance, to have completed their second year of medical study, and to have passed the First Examination.

6. The subjects of the Second Examination are: Regulations
- Anatomy.
- Physiology.

The detailed subjects of the Second Examination are as follow:

- (1) Anatomy including Histology. One three-hours' paper in Anatomy, and Oral: Three hours, Practical Histology.
- (2) Physiology (including Experimental, Chemical, and Human Physiology). One three-hours' paper. Practical and Oral.

Candidates are required to present themselves in Anatomy and Physiology, and to pass in both these subjects at one and the same examination.

The examination shall be held in March and June of the third year.

The names of candidates who have satisfied the Examiners are published in alphabetical order.

Students who fail to pass the Second M.B., Ch.B. Examination in March and pass in June of the third year, begin hospital work in the October following.

The fee for the Second Examination for the Degrees of M.B. and Ch.B. is £8. 8s.; for each re-examination, £3. 3s.

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\* Students who have passed the examination for the Second M.B. and also the Matriculation Examination may present themselves for examination in one of the Science Honours Schools. See page 506.

### THIRD EXAMINATION FOR THE DEGREES OF BACHELOR OF MEDICINE AND OF SURGERY.

**Ordinance** 7. Candidates, on presenting themselves for either subject of the Third Examination for the Degrees of Bachelor of Medicine and of Surgery, are required to furnish certificates of having attended courses of instruction in such subject of examination in accordance with the University regulations for attendance, and to have passed the Second Examination for the said degrees.

**Regulation** 8. The subjects of the Third Examination are :

Pharmacology including Pharmacy,  
Pathology and Bacteriology.

The detailed subjects of the examination are as follow :

- (1) Pharmacology including Materia Medica). One three-hours' paper. Oral examination.
- 2) a Pathology. One three-hours' paper. Practical and Oral.
- b; Bacteriology. One three-hours' paper. Practical and Oral.

The examination in Pharmacology shall be held in December and June of the fourth year. The examination in Pathology shall be held in December and June of the fifth year.

The names of candidates who have satisfied the Examiners are published in alphabetical order.

The fee for the Third Examination for the Degrees of M.B. and Ch.B. is £8. 8s.; and for each re-examination in the whole or any part of the Third Examination, £3. 3s.

### FINAL EXAMINATION FOR THE DEGREES OF BACHELOR OF MEDICINE AND OF SURGERY.

**Ordinances** 9. Candidates, on presenting themselves for any subject of the Final Examination for the Degrees of Bachelor of Medicine and of Surgery, are required to furnish certificates of having attended courses of instruction in such subject of examination in accordance with the University regulations for attendance, and to have passed the Third Examination for the said degrees.

10. The Final Examination shall be divided into two parts. Candidates shall take Part I. not earlier than June of the fifth year, and Part II. not earlier than June of the sixth year, i.e., not less than five years after registration by the General Medical Council. Part I. shall consist of Forensic Medicine, Hygiene and Preventive Medicine: Part II. shall consist of Medicine, Surgery, Obstetrics and Gynæcology.

Candidates who have passed the Final Examination may be awarded either First or Second Class Honours.

11. The names of candidates who have satisfied the Examiners Ordinances in the Final Examination are published as follows :

- (1) Those awarded First Class Honours.
- (2) Those awarded Second Class Honours.
- (3) Those who have satisfied the Examiners.

The names shall be in alphabetical order in each case.

12. Subject to the provisions of the preceding paragraph the name of any candidate in the Second, Third, or Final Examination may be marked as having passed with distinction in any of the following subjects :

Anatomy.  
 Physiology.  
 Pharmacology.  
 Pathology and Bacteriology.  
 Forensic Medicine.  
 Preventive Medicine.  
 Medicine.  
 Surgery.  
 Obstetrics and Gynæcology.

N.B.—Consideration of the award of distinctions in the subjects of the Final examination is deferred until the completion of the examination by the candidate.

The detailed subjects of examination are as follow :

Regulations

#### *Part I.*

Forensic Medicine and Toxicology. One two-hours' paper and oral.

Hygiene and Preventive Medicine. One three-hours' paper.

#### *Part II.*

Medicine. Two three-hours' papers, including Medical Anatomy and Physiology, Therapeutics, Diseases of Children, Diseases of the Skin, and Mental Diseases.

Clinical, Practical, and Oral.

Surgery. Two three-hours' papers, including Surgical Anatomy and Surgical Pathology, and Diseases of the Eye, Ear, Nose, and Throat.

Clinical, Practical, and Oral.

Obstetrics and Gynæcology :—

Obstetrics. One two-hours' paper.

Gynæcology. One two-hours' paper.

Clinical, Practical, and Oral.

**regulations** Candidates, in order to pass in Medicine, Surgery, and Obstetrics and Gynæcology must satisfy the Examiners in the clinical part of these subjects respectively.

Candidates are required to pass in all subjects of either part of the Final Examination at one and the same time.

The examination in both parts shall be held in June and December.

The fee for the Final Examination for the degrees of M.B. and Ch.B. is £8. 8s. (to be paid before the commencement of Part I.); and for each re-examination in the whole or any part of the examinations, £3. 3s.

Fee payable on conferment of the degrees of M.B. and Ch.B., £8. 8s.

#### ATTENDANCE REGULATIONS.

1. Candidates, before completing the Final Examination for the degrees of Bachelor of Medicine and of Surgery, are required to furnish certificates of having completed five years of medical study after registration by the General Medical Council. Two of these years must be passed in the University, subsequent to the passing of Part I. of the First M.B. Examination. The other three years may be passed at any College or Medical School recognised for this purpose by ordinance of the University.

**1a. A candidate rejected in any subject, at a professional examination, must produce evidence that he has pursued further the study of that subject before he is re-admitted to examination.**

2. Candidates, on presenting themselves for the *First Examination*, or any part of it, are required to furnish certificates of attendance on approved courses of instruction either in the University or in a College or Medical School recognised for this purpose by regulation of the University.

For Part I. in Chemistry, and Physics: Lectures and Laboratory work.

For Part II. in Biology (A) Botany, (B) Zoology: Lectures and Laboratory work.

**NOTE.**—Students will not be admitted to the Second M.B. classes in October unless they have passed Part I. of the First M.B. Examination.

3. Candidates, on presenting themselves for the *Second Examination* for the degrees of Bachelor of Medicine and of Surgery, are required to furnish certificates of having attended courses of instruction, approved by the University, either in the University or in a College or Medical School recognised for this

purpose by regulation of the University, in the following Regulations subjects :

- (1) Anatomy.
- (2) Physiology.

NOTES.—(a) The certificate in Anatomy must in all cases testify that the candidate has dissected the whole body.

(b) The certificate in Physiology must in all cases testify that the candidate has attended a course of laboratory instruction approved by the University.

(c) Students will not be admitted to the Third M.B. classes in October unless they have passed the Second M.B. Examination.

(d) Candidates who have passed the Final Examination for the Ordinary degree of B.Sc. of this University in Anatomy and Physiology will be excused the First and Second M.B., Ch.B. Examinations, provided they have fulfilled the following conditions :—

(i.) Have passed in the subjects of Physics, Chemistry, and Botany or Zoology in the Intermediate B.Sc. Examination,

and

(ii.) Have presented evidence of having attained a standard equivalent to that of the First M.B., Ch.B. Examination in Botany or Zoology, whichever was not taken in the Intermediate B.Sc. Examination.

4. Candidates, before presenting themselves for the *Third Examination*, are required to furnish certificates of having attended approved courses of instruction in the University or in a College or Medical School recognised for that purpose by regulation of the University, in the subjects in which they offer themselves for examination: the subjects of the examination being Pharmacology, and Pathology and Bacteriology.

NOTES.—(a) The certificates in Pharmacology must in all cases testify that the candidate has attended a course of practical instruction approved by the University.

(b) The certificate in Pathology and Bacteriology must in all cases testify that the candidate has attended a course of laboratory instruction in these subjects, approved by the University.

(c) Candidates are also required to present certificates in Pathology of having acted as clerk in the post-mortem department of a recognised hospital for three months.

5. Candidates, before presenting themselves for the *Final Examination*, are required to furnish certificates of having attended approved courses of instruction in the University or in a College or Medical School recognised for that purpose by



ditions regulation of the University, in the subjects in which they offer themselves for examination.

Candidates are required to furnish certificates as follow :

- (i.) *Systematic Instruction*. Of having attended courses of systematic instruction approved by the University in the University or in a Medical School recognised for this purpose by regulation of the University in the following subjects :—

PART I.

(A) Forensic Medicine.

(B) Hygiene and Preventive Medicine.

PART II.

(A) Medicine.

(B) Applied Anatomy and Physiology.

(C) Surgery.

(D) Obstetrics and Gynæcology.

- (ii.) *Clinical Instruction*. Of having attended the medical and surgical practice of a hospital or hospitals, approved by the University, during two years before entering on Part I. of the examination and three years before entering on Part II., which periods must be subsequent to the date of passing the Second Examination.

Registered Dentists, or Dental students who have satisfactorily completed the attendance required by the Dental regulations, desiring afterwards to proceed to the degree in Medicine, will be excused six months of the above periods of attendance on Medical and Surgical Hospital practice which is required of Medical students.

(A.) *In Clinical Medicine*.

The certificates must in all cases testify :—

(a) That he has acted as clinical clerk in the medical wards for six months.

(b) That he has attended for two years courses of instruction in clinical medicine.

(c) That the candidate has attended a course of practical instruction in clinical pathology.

(d) That he has received clinical instruction in infectious diseases.

(e) That he has acted for one month as a clinical clerk in the Children's Ward of St. Mary's Hospital.

*Degrees of M.B. and Ch.B.*

11. The names of candidates who have satisfied the Examiners Ordinances in the Final Examination are published as follows :

- (1) Those awarded First Class Honours.
- (2) Those awarded Second Class Honours.
- (3) Those who have satisfied the Examiners.

The names shall be in alphabetical order in each case.

12. Subject to the provisions of the preceding paragraph the name of any candidate in the Second, Third, or Final Examination may be marked as having passed with distinction in any of the following subjects :

Anatomy.  
Physiology.  
Pharmacology.  
Pathology and Bacteriology.  
Forensic Medicine.  
Preventive Medicine.  
Medicine.  
Surgery.  
Obstetrics and Gynæcology.

N.B.—Consideration of the award of distinctions in the subjects of the Final examination is deferred until the completion of the examination by the candidate.

The detailed subjects of examination are as follow :

Regulations

*Part I.*

Forensic Medicine and Toxicology. One two-hours' paper and oral.

Hygiene and Preventive Medicine. One three-hours' paper.

*Part II.*

Medicine. Two three-hours' papers, including Medical Anatomy and Physiology, Therapeutics, Diseases of Children, Diseases of the Skin, and Mental Diseases.

Clinical, Practical, and Oral.

Surgery. Two three-hours' papers, including Surgical Anatomy and Surgical Pathology, and Diseases of the Eye, Ear, Nose, and Throat.

Clinical, Practical, and Oral.

Obstetrics and Gynæcology :—

Obstetrics. One two-hours' paper.

Gynæcology. One two-hours' paper.

Clinical, Practical, and Oral.

gulations

(c) That he has received during at least three months, in either a general or a special hospital, approved by the University, such clinical instruction in the diseases peculiar to women as shall be approved by the University.

Before admission to the degrees of Bachelor of Medicine and of Surgery a candidate is required to present certificates that he will have attained the age of twenty-one years on the day of graduation, and that he has pursued the courses of study required by the University regulations during a period of not less than five years subsequently to the date of his registration as a Medical student by the General Council of Medical Education, two of such years at least having been passed in the University, subsequent to the date of passing the First M.B. Examination.\*

Further particulars as to attendance and subjects for the above examinations may be obtained on application to the Registrar, The University, Manchester, 13.

### Recommended Course of Study after Matriculation.

#### FIRST YEAR.

Michaelmas term ... Chemistry.  
Physics.

Lent term ... Chemistry.  
Physics.

*First M.B., Part I., Examination in March (and September).*

Medical registration of successful students in April.

Summer term ... Botany.  
Elementary Anatomy.

*First M.B., Part II.A., Examination—Botany—in September (and December).*

#### SECOND YEAR.

Michaelmas term ... Zoology.  
Anatomy.  
Physiology.

Lent term ... Zoology.  
Anatomy.  
Histology.  
Physiology.

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\* A year of Medical study shall, except in special cases approved by the Council, on the report of the Senate, be held to include the attendance on at least two courses of lectures in each term, or one course of lectures and hospital practice.

*First M.B., Part II.B., Examination—Zoology—in March (and June).*

Summer term ... .. Anatomy.  
Histology.  
Physiology.

### THIRD YEAR.

Michaelmas term ... .. Anatomy.  
Histology.  
Physiology.

Lent term ... .. Anatomy.  
Physiology.

*Second M.B. Examination in March (and June).*

N.B.—The subjects of the Second M.B. must be passed at one and the same examination.

Hospital Work to be commenced. The attention of students is drawn to the regulation that a clerkship in the Pathological Department of the Royal Infirmary must be held before they can enter for the examination in Pathology.

Summer term ... .. Pharmacology and Practical.  
Practical Pharmacy.

### FOURTH YEAR.

Michaelmas term ... .. Surgery.  
Pharmacology.  
Pathology and Practical.

*Third M.B. Examination in Pharmacology in December (and June).*

Lent term ... .. Pathology and Practical.  
Surgery.  
Applied Anatomy.  
Applied Physiology.

Summer term ... .. Bacteriology and Practical.  
Practical Surgery.  
Obstetrics and Gynecology.  
Applied Anatomy.  
Applied Physiology.

## FIFTH YEAR.\*

Michaelmas term ... Medicine.  
Obstetrics and Gynæcology.  
Applied Anatomy.  
Pathology and Practical.

*Third M.B. Examination* in Pathology and Bacteriology in  
December (and June).

Lent term ... Medicine.  
Obstetrics and Gynæcology.  
Forensic Medicine.  
Hygiene and Preventive Medicine  
Applied Physiology (Psychology—  
Mental Hygiene).

Summer term ... Hygiene and Preventive Medicine.  
Ophthalmology.  
Orthopædic Surgery.  
Applied Anatomy.  
Diseases of Ear, Throat, and Nose.  
Anæsthetics.

*Final Examination (Part I.)* in June (and December) in Forensic  
Medicine, Hygiene, and Preventive  
Medicine.

N.B.—The subjects of Part I. must be passed at one and the  
same examination.

## SIXTH YEAR.

Michaelmas term ... Medicine.  
Tuberculosis.  
Orthopædic Surgery.  
Surgical Pathology.  
Applied Anatomy.

Lent term ... Medicine.  
Therapeutics.  
Surgical Pathology.  
Orthopædic Surgery.  
Applied Physiology (Psychology—  
Abnormal behaviour).  
Applied Anatomy.

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\* Students preparing to sit for the Examination of the Conjoint Board may  
not be registered for Sixth Year classes of the curriculum in their fifth year of study.

Summer term ... .. Mental Diseases,  
Children's Diseases,  
Surgical Pathology.

**Final Examination (Part II.)** in June and December, in Medicine, Surgery, Obstetrics, and Gynaecology.

N.B.—The subjects of Part II. must be passed at one and the same examination.

The requirement of residence in a Lying-in Hospital for two months should be complied with during the fifth or sixth year.

One month's attendance in the Children's Ward of St. Mary's Hospital should be taken in the sixth year.

Instruction in Infectious Diseases and Vaccination is arranged for during the fifth and sixth years.

One month's attendance at the Skin Hospital, Quay Street, for instruction in Skin Diseases should be taken in the sixth year.

**Examinations.**—The Final Examination will be divided into two parts, viz. :—

**Part I.** Forensic Medicine, Hygiene, and Preventive Medicine.

To be taken in June at the end of the fifth year.

**Part II.** Medicine, Surgery, Obstetrics and Gynaecology.

To be taken in June of the sixth year, i.e., not less than five years after registration by the General Medical Council.

## DEGREE OF MASTER OF SURGERY (Ch.M.).

See general note as to theses, page 390.

1. The Master of Surgery Degree is conferred in the following branches: Surgery (Branch I.), Gynaecology (Branch II.), Ophthalmology (Branch III.), Laryngology, Otology, and Rhinology (Branch IV.). Ordinances

2. No candidate will be admitted to the examination for the degree of Ch.M. unless he has previously received the degrees of Bachelor of Medicine and Bachelor of Surgery of the University, and at least one year has elapsed since he completed the examinations for these degrees.

1. Candidates, before admission to the examination for the degree, are required to furnish certificates, which shall be deemed Regulations satisfactory by the University, that, since taking the degrees of M.B., Ch.B., they have held for not less than twelve months an appointment in a public hospital or other public institution affording full opportunity for the study of the branch in which examination is desired.

regulations. 1. Candidates for the degree of Doctor of Medicine who elect to present an original dissertation are required to furnish **three copies** preferably printed or typewritten, of the dissertation, together with any drawings or specimens which may be necessary for illustration. These copies shall be sent in to the Registrar not later than May 1st in the year of application. They will be retained by the University.

2. Candidates who elect to present an original dissertation may be required to attend before the Faculty and to submit themselves to an oral examination on the subject of their dissertation.

3. For candidates electing to undergo an examination :

(i.) The examination in Medicine shall consist of :—

- (a) One written paper.
- (b) A commentary upon a selected case or cases or an extempore essay upon some subject to be stated by the Examiners.
- (c) A clinical examination.
- (d) An oral examination.

(ii.) The examination in Pathology shall consist of :—

- (a) One written paper.
- (b) A practical and oral examination.

(iii.) The examination in the Special Subjects shall consist of :—

- (a) One written paper.
- (b) A clinical or practical and oral examination.

(iv.) The Special Subjects, one of which must be selected by the candidate, are :—

- (i.) Human Anatomy, including Embryology and Histology.
- ii.) Physiology (Chemical, Experimental, and Human Physiology).
- (iii.) Pharmacology and Therapeutics
- (iv.) Midwifery and Gynæcology.\*
- (v.) Forensic Medicine and Toxicology.
- (vi.) Tropical Diseases.
- (vii.) Bacteriology and Comparative Pathology as applied to Public Health.
- (viii.) Diseases of Children.
- (ix.) Psychiatry.

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\*The examination will include a commentary upon a selected case or cases.

The fee is payable as follows :

On sending in application for the degree, £6. 6s.

For each subsequent application, £4. 4s.

On the conferring of the degree, £9. 6s.

The last date for notice and payment of fees is May 1st, and dissertations must be submitted to the Registrar by that date.

N.B.—For conditions under which a Gold Medal is awarded to candidates for the degree of M.D., see page 811.

### **Diploma in Psychological Medicine.**

There shall be a Diploma in Psychological Medicine (D.P.M.) Ordinance  
which shall be awarded by the Senate.

1. Candidates, before completing the examination, must Regulation  
have held a registrable qualification in Medicine, Surgery, and Midwifery for one year.

2. The examination shall be held in two parts—Part I. will be held in March and June and Part II. in June and December in each year.

3. Before presenting themselves for Part I. of the examination, candidates must produce evidence of having attended, subsequent to qualification :

- (a) Approved practical courses of instruction in the Development, Anatomy, and Physiology of the nervous system.
- (b) An approved course of Psychology, including Experimental Psychology.

4. Before presenting themselves for Part II. of the examination, candidates must produce evidence of having attended :

- (a) An approved practical course of instruction in Pathology in relation to the nervous system.
- (b) A course of Clinical Neurology.
- (c) Approved courses of instruction in Psychological Medicine, namely, (i.) Mental Diseases, (ii.) Psychoneuroses, (iii.) Mental Deficiency.
- (d) Clinical instruction, either with residence or, in approved cases, daily attendance, for six months in an approved Hospital for Mental Diseases.

5. The course of study shall extend over a period of three University terms, two of which must be taken in the University ; the remaining term may be taken at the University or at some approved Institution.



- Regulations** 6. Candidates may present themselves for Parts I. and II. separately or at the same time, provided that no candidate be admitted to Part II. unless he has already passed in Part I.

### SUBJECTS AND ORDER OF EXAMINATION.

#### PART I.

The examination will include :

- (1) A written and practical examination on the Development and Anatomy, human and comparative, and Physiology (including Bio-Chemistry) of the nervous system.
- (2) A written and practical examination in Psychology (theoretical and experimental).

#### PART II.

The examination will include :

- (1) A written and practical examination in Pathology in relation to the nervous system.
- (2) A written, clinical, and oral examination in Psychological Medicine.
- (3) A clinical and oral examination in Clinical Neurology.

The fee for the examination is eight guineas for each part, and must be paid not later than February 18th, May 1st, and October 20th respectively, in the year of the examination. For a subsequent examination in the same part the fee will be four guineas.

The Composition fee for the full course of study is £26. 5s., exclusive of the clinical instruction under 4 (d).

Any of the eight courses of instruction may be taken separately at a fee of £4. 4s. each, and these classes are open to any qualified medical practitioner.

### Diploma in Public Health.

- Ordinance** The University shall grant a Diploma in Public Health (D.P.H.) which shall be awarded by the Senate to candidates who shall have satisfied the University regulations relating to the Diploma.

- Regulations** 1. The examination shall be in two parts, and shall be written, oral, and practical.

2. A period of not less than two years shall elapse between the attainment by a candidate of a registrable qualification in Medicine, Surgery, and Midwifery, and his admission to the Final Examination for the Diploma in Public Health.

3. All candidates for the Diploma in Public Health are <sup>regulations</sup> required to attend the prescribed lecture and laboratory courses for either Part I. or Part II. of the Diploma in Public Health in the University. The courses of instruction for the other part of the Diploma may be taken either in the University or in a Public Institution approved for that purpose by the University. The curriculum for the Diploma in Public Health must extend over a period of not less than twelve months, or a longer period of whole-time study covering a period of not less than nine calendar months) subsequent to the attainment of a registrable qualification.

4. Candidates, before beginning the first part of the examination, must present satisfactory certificates of having attended, during at least five months, practical instruction in laboratories approved by the University, in:

- (a) Bacteriology and Parasitology including Immunology, Serology, Medical Entomology, etc., especially in their relation to diseases of man, and to those diseases of the lower animals which are transmissible to man.
- (b) Chemistry, Physics, Radiology, and Electrolgy in relation to Public Health.
- (c) Physiology and Bio-Chemistry in their application to nutrition and hygiene.
- (d) Meteorology and Climatlogy in relation to Public Health.

At least 280 hours must be devoted to courses (a), (b), (c), and (d).

5. Candidates, before beginning the second part of the examination, must present certificates:

- (a) Of having received, during not less than 120 hours, instruction in the following subjects: -
  - (1) The Principles of Public Health and Sanitation.
  - (2) Epidemiology and Vital Statistics.
  - (3) Sanitary Law and Administration (including Public Medical Services).
  - (4) Sanitary Construction and Planning.

- (b) Of having attended for three months on the clinical practice of a recognised Hospital for Infectious Diseases, and having received therein instruction in the methods of administration. At least 24 daily attendances of not less than two hours each shall be required.

- (c) Of having been engaged, during a period of not less than six months, in acquiring a practical knowledge of the duties, routine and special, of Public Health Administration under the supervision of a Medical Officer of Health.

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who shall certify that the candidate has received from this Officer or other competent Medical Officer during not less than three hours on each of sixty working days, practical instruction in these duties, and also those relating to:—

- (i.) Maternity and Child Welfare Service.
- (ii.) Health Service for Children of School Age.
- (iii.) Venereal Diseases Service.
- (iv.) Tuberculosis Service.
- (v.) Industrial Hygiene.
- (vi.) Inspection and Control of Food, including meat and milk.

(Instruction in (i.) to (vi.) should include attendance at the centres, clinics, institutions, and premises concerned.)

Certificates of having received the prescribed instruction in Public Health Administration must be given by a Medical Officer of Health who devotes his whole time to Public Health work, or by the Medical Officer of Health of a Sanitary area having a population of not less than 50,000, or in Ireland the Medical Superintendent Officer of Health of a County or County Borough having a population of not less than 50,000.

6. Candidates may present themselves for Parts I. and II. separately or at the same time, provided that no candidate be admitted to Part II. unless he has already passed in Part I. No candidate's name will be published until he has satisfied the Examiners in both parts of the examination.

7. The examination is held twice yearly: Part I. in June and October: Part II. in June and October.

#### ORDER OF EXAMINATION.

The examination for Part I. shall be practical, written, and oral, and shall include the following subjects:

- Bacteriology and Parasitology (including Immunology, Serology, Medical Entomology, etc.).
- Chemistry, Physics, Radiology, and Electrolgy in relation to Public Health.
- Physiology and Bio-Chemistry in their application to nutrition and hygiene.
- Meteorology and Climatology in relation to Public Health.

Candidates may not be admitted to examination for Part I. until after they have completed the prescribed courses of instruction in the subjects thereof.

The examination for Part II. shall include the following *Regulations* subjects:—

Hygiene and Sanitation (including Sanitary Instruction,  
Epidemiology and Infectious Diseases,  
Sanitary Law and Vital Statistics,  
Public Health Administration.

The examinations shall be written and oral, and shall include practical examinations in Infectious Diseases; Field Inspection; Inspection of premises—dwellings, factories, workshops, schools, etc.

Candidates may not be admitted to examination for Part II. until after they have completed the prescribed courses of instruction in the subjects thereof.

## **Diploma in Veterinary State Medicine.**

The University shall grant a Diploma in Veterinary State *Ordinance* Medicine (D.V.S.M.), which shall be awarded by the Senate.

1. Candidates, before entering the examination, must produce *Regulations* satisfactory evidence that they hold the membership of the Royal College of Veterinary Surgeons.

2. All candidates for the Diploma in Veterinary State Medicine are required to attend the prescribed lectures and laboratory courses in the University.

3. The examination shall be in two parts, and shall be written, oral, and practical.

4. Candidates, before entering for the first part of the examination, must present evidence of satisfactory attendance during one academic year on the prescribed lecture and laboratory courses in:

- (a) Bacteriology and Parasitology (including Entomology) especially in their relation to the diseases of the lower animals, and to those diseases of man which may be transmitted by the lower animals.
- (b) Chemistry and Physics in relation to Veterinary Hygiene.
- (c) Meteorology and Climatology in relation to Veterinary Hygiene.

regulations 5. Candidates, before entering for the second part of the examination, must present certificates:

(a) Of having satisfactorily attended the prescribed lectures in the following subjects:—

- (i.) The Principles of Veterinary Hygiene and Sanitation.
- (ii.) Epizootiology and Vital Statistics.
- (iii.) Sanitary Law and Administration as it affects Veterinary Medicine.

(b) That, after obtaining the membership of the R.C.V.S., they have, during at least six months, been diligently engaged in acquiring a knowledge of the duties of veterinary inspection under a Veterinary Surgeon (holding a public appointment) to be approved for that purpose by the University. This requirement may be modified by the Senate in the case of Veterinary Inspectors who have held an appointment recognised by the University for not less than one year.

6. Candidates may enter for Part I. and Part II. separately or at the same time, provided that no candidate be admitted to Part II. unless he has already passed in Part I.

No candidate's name will be published until he has satisfied the Examiners in both parts of the examination.

7. The examination is held twice yearly, in June and October.

NOTE.—The fee for each part is £6. 6s., which must be paid by prescribed date. For any subsequent examination in the same part the fee is £4 4s.

#### ORDER OF EXAMINATION.

##### PART I.

1. A three hours' written examination on the subjects set out in Regulation 4 (a).

2. A three hours' written examination on the subjects set out in Regulation 4 (b) and (c).

3. A three hours' practical and oral examination on the subjects set out in Regulation 4 (a).

4. A three hours' practical and oral examination on the subjects set out in Regulation 4 (b) and (c).

##### PART II.

1. Two written examinations, each of three hours, on the subjects set out in Regulation 5 (a) and (b).

2. Sanitary Reporting.

3. An oral examination in the above subjects.

## **Diploma in Pathology.**

The University shall grant a Diploma in Pathology (superintendence Path.) which shall be awarded by the Senate to candidates who have satisfied the University Regulations relating to the Diploma.

1. Before commencing the course of study, candidates must ~~produce~~ produce evidence that they have:—

- (a) Graduated in Medicine in this or in some other approved University, or
- (b) Obtained a medical qualification registrable in this country, which shall be approved by the Senate of this University, or
- (c) Obtained a qualification approved by the Senate other than those stated in (a) or (b). Such candidates must present evidence of previous training approved by the Senate as satisfactory for admission to the course.

2. Before entering for the examination, candidates must present evidence of satisfactory attendance during one academic year on the course of study prescribed for the Diploma in the University.

3. The course of study shall include courses of instruction in:—

Morbid Anatomy.  
General Pathology, with practical work.  
Special Pathology, with practical work.  
Bacteriology.  
Chemical Pathology.  
Experimental Pathology.

4. The examination shall consist of:—

- (a) Three written papers on General Pathology, Special Pathology, and Bacteriology, together with oral and practical examinations.
- (b) A practical examination in Chemical Pathology.
- (c) Candidates shall during the second half of their course of study, select some subject, to be approved by the Professor, on which they must submit an essay at the time when they present themselves for examination.

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For information as to—

The Diploma in Psychological Medicine,  
The Diploma in Pathology,  
The Certificate in Venereal Disease,  
apply to the Dean of the Medical School.

For information as to—

The Diploma in Bacteriology,

The Diploma in Public Health,

The Diploma in Veterinary State Medicine,

see the Prospectus of the Department of Public Health.

For information as to—

The Degree of B.Sc. with Pharmaceutics or Pharmaceutical  
Chemistry,

see the Prospectus of the Pharmaceutical Department.

Students preparing to take Diplomas of the Conjoint Colleges, or the Society of Apothecaries, or other medical qualifications, should consult the regulations of the bodies concerned.

For information as to Fellowships, Scholarships, Exhibitions, and Prizes, see page 699 *et seq.*

## **Courses in Public Health, Bacteriology, and in Veterinary State Medicine.**

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### **PUBLIC HEALTH LABORATORIES.**

(York Place.)

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#### **GENERAL ARRANGEMENTS.**

In this Department post-graduate courses of instruction are given, adapted to the requirements of (*a*) candidates preparing for the examinations of the various University and Examining Boards for the Diploma in Public Health, (*b*) candidates preparing for the Diploma in Bacteriology of the University of Manchester, (*c*) candidates preparing for the Diploma in Veterinary State Medicine of the University of Manchester.

#### **A. DIPLOMA IN PUBLIC HEALTH.**

The course for the Diploma in Public Health is given once annually, and occupies a full academic year of nine months from October to June. The syllabus (see Regulations, page 576) complies with the regulations of the General Medical Council (1930).

The course is divided into two parts which may be studied concurrently.

The subjects of Part I. are :—Bacteriology and Parasitology (including immunology, serology, medical entomology, etc.); Chemistry, Physics, Radiology and Electrology in relation to Public Health; Physiology and Bio-Chemistry in their application to nutrition and hygiene; Meteorology and Climatology in relation to Public Health. Instruction is given in the laboratory on three afternoons (Monday, Wednesday, and Friday) of each week.

The subjects of Part II. are :—The Principles of Public Health and Sanitation; Epidemiology and Vital Statistics; Sanitary Law and Administration; Sanitary Construction and Town Planning; School Hygiene; Industrial Hygiene. Instruction is given in the laboratory on two afternoons (Tuesday and Thursday) of each week.

In addition it is required that candidates shall receive, under the supervision of a Medical Officer of Health, during a period of not less than six months, practical instruction in the duties of Public Health Administration; and shall attend during a period of not less than three months on the clinical practice of a Hospital for Infectious Diseases.



The course can be completed in nine months and it is strongly advised that candidates should, whenever possible, devote their whole time for one academic year to this work. Alternatively, Parts I. and II. may be studied separately in successive years.

Examinations for Part I. and Part II. are held in June and in October. Candidates may not present themselves for examination in Part II. until they have successfully completed Part I., and, until a period of two years has elapsed between the attainment of a registrable qualification and admission to the final examination.

Instruction in either part of the course, if taken in a Public Institution approved for that purpose by the University, will be accepted as part of the requirements for the Diploma of the University. Under such circumstances, instruction in the other part must be taken in the University and the candidate must complete successfully the examinations in Parts I. and II. of the University.

#### B. DIPLOMA IN BACTERIOLOGY.

Candidates for the Diploma in Bacteriology spend a full academic year of nine months in the laboratory as post-graduate students of the University. The course is intended for those who desire to train themselves to become competent bacteriologists in connection with medicine or other branches of science. It is designed to furnish a thorough grounding in the principles of bacteriology, to develop independent and critical judgment and to afford a working knowledge of the subject.

The course will be most readily undertaken by those who hold a medical or veterinary qualification. Other candidates should possess a knowledge of biology and it is desirable that all candidates should have had some special knowledge and experience of bacteriology.

The course occupies from October to June, and is followed immediately by the examination which is held once each year. (For Regulations, see page 532.)

#### C. DIPLOMA IN VETERINARY STATE MEDICINE.

The course for the Diploma in Veterinary State Medicine occupies from October to June. The qualification for entrance is the Membership of the Royal College of Veterinary Surgeons.

The course is divided into two parts which are studied concurrently and candidates can complete the course in nine months by devoting their whole time to it. This procedure is strongly

advised, but candidates may take the parts separately in successive years. The subjects of Part I. are:—Bacteriology and Parasitology (including Entomology); Chemistry and Physics in relation to Veterinary Hygiene; Meteorology and Climatology in relation to Veterinary Hygiene. The subjects of Part II. are:—The Principles of Veterinary Hygiene and Sanitation; Sanitary Law and Administration; Epizootiology and Vital Statistics. In addition candidates must during a period of six months receive instruction, under a veterinary surgeon, holding a public appointment, in the duties of a veterinary inspector.

Instruction in Part I. is, as far as possible, given in association with courses for the Diploma in Public Health, and diseases of importance in Public Health practice are studied from the medical as well as from the veterinary point of view.

The examinations for Part I. and Part II. are held in June and October. They may be taken separately or at the same time, but a candidate may not be admitted to the examination for Part II. until he has passed in Part I. (For Regulations, see page 579.)

#### APPLICATION FOR EXAMINATION.

Candidates intending to present themselves for examination must give notice and pay the fee by the prescribed date (see page 339).

#### RESEARCH.

Facilities may be granted for post-graduate students desiring to undertake research work in the Department, by arrangement with the Director.

#### SHERIDAN DELÉPINE FELLOWSHIP IN PREVENTIVE MEDICINE.

This Fellowship, for the encouragement of research in Preventive Medicine, was instituted in 1922 in memory of the late Auguste Sheridan Delépine, M.B., C.M., M.Sc., Professor of Public Health and Bacteriology in the University of Manchester from 1891 to 1921. (For Regulations, see page 831.)

#### DR. ROBERT ANGUS SMITH SCHOLARSHIP.

This Scholarship was established in 1928 for the encouragement of research in Sanitary Science. It may be held in the Department of Bacteriology and Preventive Medicine. (For Regulations, see page 809.)

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For further information, see the *Prospectus of the Courses in Public Health, Bacteriology, and Veterinary State Medicine*, or apply to the Director of the Public Health Laboratory.

## **Facilities for Advanced Study in the Faculty of Medicine.**

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The foundation of systematic medical instruction in Manchester took place in 1824 when Thomas Turner, F.R.C.S., began his lectures on Anatomy and John Dalton his courses on Pharmaceutical Chemistry. Some of the leading physicians and surgeons in the town soon joined in the teaching, and *Materia Medica*, Surgery, Midwifery, Botany, Chemistry, Anatomy, Physiology, and Pathology were included, and, later, Medical Jurisprudence was added. The work was associated with the Infirmary, the Lunatic Asylum, and local hospitals, where clinical instruction was given. One of the important features of the Manchester Medical School of Medicine was that from the first students were able to dissect on their own account.

In 1872 the School was amalgamated with the Owens College.

Facilities for special research and advanced teaching are provided in the Chemical, Physical, Botanical, Zoological, Anatomical, Physiological, Pharmacological, Pharmaceutical, and Pathological Laboratories, as well as in connection with the Department of Public Health.

The Medical Library, formerly the joint property of the Manchester Medical Society and of the University, is the fifth largest in the United Kingdom. It has now come entirely into the possession of the University and contains about 68,000 volumes and the most important British and foreign periodicals. It is carefully selected and of great value for general medical study and research, and is available for use by students. Recent editions of all important text-books are constantly added to the collection. It was enriched in 1926 by the transfer of the books from the Radford Library, St. Mary's Hospital.

The Philosophical Society and the Chemical Society, which meet in the University, afford excellent opportunities for the reading of papers and discussion of recent scientific work.

The DEPARTMENT OF PUBLIC HEALTH was instituted in 1902, and the new laboratory in York Place was opened in 1905. It is primarily intended for post-graduate advanced studies or research bearing upon the causation and prevention of disease (*Preventive Medicine*). An extension of these buildings made possible the transfer, in 1929, of the Department of Pathology from the Medical School buildings to York Place, in close proximity to several of the hospitals.

Facilities for advanced study are offered in the Department of

Anatomy,  
Physiology,  
Pharmacology.  
Pathology,  
Hygiene,  
Forensic Medicine and Toxicology.  
Medicine,  
Surgery,  
Obstetrics and Gynæcology,  
Radiology,  
Bacteriology and Preventive Medicine.

Research may also be carried on in special departments of Medicine and Surgery, such as Laryngology, Otology, Ophthalmology, Diseases of Children, Diseases of the Skin.

A Department of Clinical Investigations has been established in the Manchester Royal Infirmary where facilities for special research are provided.

A Department of Cancer Research has been instituted in conjunction with the Manchester Committee on Cancer.

For full details, see the Prospectus of Advanced Studies.

Post-Graduate teaching, in addition to that in preparation for the Diplomas in Psychological Medicine, Public Health, Bacteriology, Pathology, and Veterinary State Medicine, has now been organised by the Faculty of Medicine to meet the requirements of graduates desiring to refresh their knowledge, or to pursue further their study in various special branches.

## Dental Department.

The Department forms an integral part of the Faculty of Medicine

### FEES.

*Cheques for fees, which are due at the time of registration, should be made payable to the order of "The Bursar, the Victoria University of Manchester," and crossed "District Bank Limited."*

**Note.**—The Council reserve the right to revise any of these fees without previous notice.

#### STUDENTS REGISTERING FOR THE FIRST TIME.

Students registering for the first time and paying Composition Fees are supplied free with a copy of the *University Calendar*. The charge for a further copy is three shillings.

#### COMPOSITION FEES AND CLASS FEES.

The Men's Union Fee was increased by 10s. 6d. per session as from Session 1930-31; this causes the difference in the Composition Fees for Men and Women in which the Union Fee is inclusive.

The Composition Fee for candidates for the University Degree of Bachelor of Dental Surgery is 96 guineas for men and 91½ guineas for women, payable in three equal yearly instalments.

The Composition Fee for candidates for the University Diploma in Dentistry is 86 guineas for men and 84½ guineas for women, payable in three equal yearly instalments.

The Composition Fee for candidates for the L.D.S. of England is 96 guineas for men and 91½ guineas for women, payable in three equal yearly instalments.

The payment of any of the above Composition Fees will entitle the student to attend all the classes required for their respective examinations.

The Composition Fee includes the Registration Fee, the Library Fee, the Students' Union Fee, and the Athletic Union Fee, during the years in which an instalment of the Composition Fee is paid, but does not include the Hospital Fees (see *Prospectus of the Dental Department*), the Examination Fees, the fees for the conferment of the Degree or the Diploma, the fees for Chemicals and Chemical Apparatus (£3. 13s. 6d.), nor the Deposit Fee for Physics (£1. 1s.).

**Candidates failing in examinations for the B.D.S. and L.D.S. will be required to produce evidence of having satisfactorily attended revision courses in the subjects in which they have been referred, before sitting again.**

#### FEES FOR OCCASIONAL STUDENTS.

##### Lecture Courses :

Except where otherwise stated the Class fees are as follows —

Classes of one hour per week	..	£3. 3s. 0d.
" " two hours	" "	£5. 5s. 0d.
" " three hours	" "	£7. 7s. 0d.

Occasional students (*i.e.*, those attending not more than six classes) are required to pay, in addition to the usual Class fees, a Registration Fee of £1. 1s. which includes the use of the Library.

Occasional students who desire to become members of the various Unions may do so on payment of the following fees:

			£	s.	d.	
Men's Union	...	...	2	8	0	per session.
Women's Union	...	...	1	15	0	" "
Men's Athletic Union	...	...	2	0	0	" "
Women's Athletic Union	...	...	2	0	0	" "

Non-compounding students pay the fee for each class attended, and in addition, pay a Registration Fee of £3. 3s. per session, which includes the Library and Athletic Union Fees.

Compounding students desirous of repeating attendance on any class (except Chemistry and all practical classes) will be allowed to do so on paying for each class attended one-half of the fees payable by students who do not compound. A student, however, who desires to continue his study of Practical Anatomy beyond two sessions will be required to pay at the rate of £5. 5s. for a three months' or £8. 8s. for a six months' course.

The Museums of Human and Comparative Anatomy, Pathology, and Materia Medica are free to all students of the Department.

#### EXAMINATION FEES.

The fees for examinations for the degree of B.D.S. of the University are as follows:

First Examination, £6. 6s.; for each re-examination, £3. 3s.  
Second Examination, £3. 3s.; for each re-examination, £2. 2s.

Third Examination, £4. 4s.; for each re-examination, £3. 3s.  
Final Examination, £6. 6s.; for each re-examination, £3. 3s.

The fee for examination or on presentation of a thesis for the degree of M.D.S. is £8. 8s.

The fees for examinations for the University Diploma are as follows:

First Examination, £3. 3s.; for each re-examination, £2. 2s.  
Second Examination, £3. 3s.; for each re-examination, £2. 2s.

Third Examination, £4. 4s.; for each re-examination, £3. 3s.  
Final Examination, £4. 4s.; for each re-examination, £3. 3s.

The fee charged for the conferment of the University Diploma (L.D.S.) or the degree of B.D.S. or of M.D.S. is £8. 8s.

The dates of University Examinations (Degrees and Diplomas) in the session 1933-34 are shown in the table given on page 339.

## NOTICE.

Graduates and licentiates in Dentistry are required to sign the following form of declaration before the Diploma is conferred upon them :

"I hereby promise in the event of my admission as a Licentiate in Dentistry of the Victoria University of Manchester to refrain from advertising or employing any other unbecoming mode of attracting practice, and I shall not allow my name to appear in connection with any one who does so."

Attention is called to the following regulations of the General Medical Council in regard to the Registration of Dental Students.

On January 1st, 1923, the following regulations came into force :

1. Before registration as a student every candidate shall produce evidence that he has attained the age of *seventeen years*.
2. The minimum standard of general education required will be that of *University Matriculation or Entrance Examination in Arts or Pure Science*.
3. Before registration as a student every applicant shall be required to have passed an approved examination in General Education, and, in addition thereto, *an examination in Elementary Physics and Elementary Chemistry conducted or recognised by one of the Licensing Bodies*.

## Degrees and Diploma in Dentistry of the University of Manchester.

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### THE DEGREE.

The course for the degree in Dental Surgery (B.D.S.) requires attendance and study over a period of five and a half years.

The attention of intending students is drawn to the ordinances and regulations for the degree of B.D.S. (see pages 592 to 596).

Candidates are required to pass the Matriculation Examination or such other examination as may be accepted in lieu thereof.

Arrangements are made by the Joint Matriculation Board for a special examination for candidates over 23 years of age. Applications must be sent to the Secretary not later than May 1st.

For further particulars and conditions of exemption from Matriculation Examination, application should be made to the Secretary, Joint Matriculation Board, 315, Oxford Road, Manchester, 13.

The special additional requirements enforced in the case of students wishing to enter upon the course for the degree of B.D.S. are the same as those applying to persons wishing to prepare for the degrees in Medicine and Surgery, as set out on page 558.

The degree of Bachelor of Dental Surgery (B.D.S.) is granted after taking the requisite courses of study, and on passing the required examinations as set forth in the ordinances and regulations on page 592 *et seq.*; the additional qualification of L.D.S. is also given to those who pass the Final B.D.S. Examination.

After a further period of one year (after passing the Final B.D.S. Examination) and after fulfilling the regulations set forth on page 599 *et seq.*, candidates may enter for the degree of Master of Dental Surgery (M.D.S.) either by the presentation of an original dissertation in some department of Dental Surgery, or by examination (see page 600).

### THE DIPLOMA.

Candidates for the Diploma must first pass an examination in General Knowledge accepted by the General Medical Council.

The *Diploma* (L.D.S. Manc.) is granted after taking the requisite courses of study extending over four years and after passing the required examinations as set forth in the ordinances and regulations for the Diploma on page 600 *et seq.*



**REGISTRATION BY THE GENERAL MEDICAL COUNCIL.**

Every Dental Student must be registered by the General Medical Council in the manner prescribed by the Regulations. Before registration as a student the applicant must produce evidence that he has attained the age of seventeen years and must have passed an approved examination in General Knowledge and, in addition thereto, an examination in Elementary Physics and Elementary Chemistry conducted or recognised by one of the Licensing Bodies. Particulars of the recognised examinations are contained in the Regulations in regard to Registration, copies of which may be obtained, price 1/- each, by post 1/2, from the Registrar of the General Medical Council, 44, Hallam Street, Portland Place, London, W.1.

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**I. UNIVERSITY DEGREES IN DENTISTRY.****Courses of Study and Examinations.****ORDINANCES FOR DEGREES.**

**ORDINANCES** 1. There shall be a degree of Bachelor of Dental Surgery (B.D.S.), and a degree of Master of Dental Surgery (M.D.S.).

2. All candidates for degrees in Dentistry are required to have passed the Matriculation Examination as prescribed for the Faculty of Medicine or such other examination as may be accepted by the Joint Matriculation Board.

3. All candidates for the degree of Bachelor of Dental Surgery are required to have pursued four courses of study and to have satisfied the Examiners in the four corresponding examinations entitled respectively:

- (a) The First Examination.
- (b) The Second Examination.
- (c) The Third Examination.
- (d) The Final Examination.

**FIRST COURSE AND EXAMINATION.**

4. Candidates, before presenting themselves for the First Examination, are required to furnish certificates of having attended approved courses of instruction in the subjects of the examination, in accordance with the University Regulations for attendance and to have passed the Matriculation Examination or such other examination as may have been recognised by the Joint Matriculation Board in that behalf.

5. The subjects of the First Course and Examination are: Ordinances

(a) Chemistry, Inorganic and Elementary Organic.

(b) Physics.

(c)\* Biology. (A) Botany. (B) Zoology.

Candidates may pass in (a), (b), and (c) separately.

#### SECOND COURSE AND EXAMINATION.

6. Candidates, before presenting themselves for the Second Examination, are required to have passed the First Examination and to furnish certificates of having attended courses of instruction in each of the subjects of the course in accordance with the University regulations for attendance. Candidates, before presenting themselves for Part II. of the Second Examination, must also furnish certificates of having attended the Prosthetic Laboratory work of an approved Dental Hospital during not less than three years.

7. The subjects† of the Second Course and Examination are:

Part I. Dental Metallurgy.

Part II. Dental Mechanics.

#### THIRD COURSE AND EXAMINATION

8. Candidates, before presenting themselves for either Part of the Third Examination, are required to furnish certificates of having attended courses of instruction in each of the subjects of the Part in accordance with the University Regulations for attendance and to have passed the Second Examination.

9. The subjects of the Third Course and Examination are:

Part I. (a) Anatomy and Histology.

(b) Physiology.

Part II. Dental Anatomy and Physiology (human and comparative) and Dental Histology.

Candidates will be allowed to pass separately in Part I. and Part II. of the Third B.D.S. Examination.

NOTE.—Instead of Part I. of the Third B.D.S. Examination candidates may, if they so wish, take the Second M.B. Examination (provided they have completed the dissection of the whole body).

#### FINAL COURSE AND EXAMINATION.

10. Candidates, before presenting themselves for the Final Examination, are required to furnish certificates of having

\* Candidates may take and pass separately in Botany and Zoology.

† The subjects of the examination may be taken separately.

ordinances attended courses of instruction in each of the subjects of the Course in accordance with the University Regulations for attendance and to have passed the Third Examination.

11. The subjects of the Final Course and Examination are :

Part I. (a) Pathology and Bacteriology.

(b) Surgery.

(c) Medicine.

Part II. (a) Operative Dentistry.

(b) Dental Pathology and Surgery with *Materia Medica* and Therapeutics in their application to Dental Surgery.

(c) Dental Prosthetics.

(d) Orthodontics.

A candidate may present himself for Part I. of the Final Examination separately. A candidate will not obtain credit for Part II. until he has satisfied the Examiners in Part I.

Honours will be awarded to candidates for the degree of B.D.S. who attain the prescribed standard in each of six of the subjects of the Second, Third, and Final B.D.S. Examinations, namely,

Dental Mechanics.

Dental Metallurgy.

Anatomy and Histology.

Physiology.

Dental Anatomy and Dental Histology.

Surgery.

Medicine.

Pathology.

Dental Pathology and Surgery and *Materia Medica*.

Dental Prosthetics.

Orthodontics.

Operative Dentistry.

two of such subjects being Operative Dentistry and Dental Prosthetics.

#### REGULATIONS FOR DEGREES.

Regulations 1. Every candidate for a degree in Dentistry shall be required to produce certificates showing—

That he is twenty-one years of age.

That he has been registered as a Dental student.

That he has subsequently to the date of registration been engaged in professional study for at least four years.

2. Candidates, before presenting themselves for the First Examination, are required to furnish certificates of attendance on approved courses of instruction in the University in the following subjects:

- (a) Chemistry, Inorganic and Elementary Organic: Lectures and Laboratory work.
- (b) Physics: Lectures and Laboratory work.
- (c) Botany: Lectures and Practical.
- (d) Zoology: Lectures and Practical.

3. Candidates, before presenting themselves for Part I. of the Second Examination, are required to furnish certificates of having attended in the University, courses of instruction (lectures and practical work) in Dental Metallurgy for not less than three months (see Ordinance 6). Candidates, before presenting themselves for Part II. of the Second Examination, are required to furnish certificates of having attended in the University, courses of instruction in Dental Mechanics for not less than three months and of having attended during three years the Prosthetic Laboratory of an approved Dental Hospital.

4. Candidates, before presenting themselves for the Third Examination, must present certificates of having attended in the University the following classes:

- (a) Anatomy and Histology: Lectures, five terms.  
Histology, Practical, three terms.  
Anatomy, Practical, four terms.
- (b) Physiology: Lectures, five terms, or one course recognised by the University.  
Laboratory work, during five terms.
- (c) Dental Anatomy, Lectures, three months.  
Dental Histology, Practical, three months.

5. Candidates, before presenting themselves for the Final Examination, must present certificates of having attended approved courses of instruction in the following subjects:

- (a) Surgery (including Surgery of the mouth): Lectures, six months.  
Medicine: Lectures, six months.  
Pathology (General Pathology and Bacteriology), nine months.  
Practical Pathology and Bacteriology, nine months.  
Clinical Surgery at a recognised General Hospital, four terms.  
Clinical Medicine, four terms.

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- (b) Dental Pathology and Surgery, two terms.
- Dental Hospital Practice, two and a half years.
- Operative Dentistry, two terms.
- Dental Materia Medica, one term.
- Dental Prosthetics, one term.
- Orthodontics, one term.
- (c) Administration of the Anæsthetics usually employed in Dental Practice.

#### AS TO QUALIFIED DENTAL PRACTITIONERS.

Candidates who have obtained before 1st October, 1905, a dental qualification recognised by the General Medical Council, and who have pursued their studies for such qualification at Owens College or the University and at a recognised Dental Hospital, may be allowed to obtain the degree of Bachelor of Dental Surgery after passing the Third and Final Examination.

#### \* SUGGESTIONS TO STUDENTS.

A candidate for the B.D.S. degree must first pass the Matriculation Examination of the University (Faculty of Medicine). He should then commence his three years' course of Practical Dental Mechanics at the Dental Hospital.† Concurrently with this course he should attend the lectures in Chemistry, Physics, Botany, and Zoology, so as to complete the examination in these subjects (the First Examination) at the end of his second year. Dental Metallurgy and Dental Mechanics are taken during the second year, in preparation for the Second Examination.

**Candidates failing in examinations for the B.D.S. and L.D.S. will be required to produce evidence of having satisfactorily attended revision courses in the subjects in which they have been referred, before sitting again.**

Students preparing for the *Degree* in Dentistry of this University should attend the following classes:

#### *First Year.*

Michaelmas. Chemistry, Lectures and Practical.  
 Physics, Lectures and Practical.  
 Practical Dental Mechanics (Dental Hospital Laboratory).

\* See notice on page 510.

† For the B.D.S. degree the whole of the Practical Instruction in Dental Mechanics must be taken at the Dental Hospital.

- Lent.** Chemistry, Lectures and Practical  
 Physics, Lectures and Practical.  
 Practical Dental Mechanics (Dental Hospital Laboratory).  
 First B.D.S., Part I., Chemistry and Physics, in March or September, and register with G.M.C.
- Summer.** Botany, Lectures and Practical.  
 Anatomy, Lectures and Practical.  
 Practical Dental Mechanics (Dental Hospital Laboratory).  
 First B.D.S. Examination, Part II.A, Botany, in September or December.

*Second Year.*

- Michaelmas.** Zoology, Lectures and Practical.  
 Anatomy, Lectures.  
 Practical Dental Mechanics (Dental Hospital Laboratory).
- Lent.** Zoology, Lectures and Practical.  
 Histology, Practical.  
 Practical Dental Mechanics (Dental Hospital Laboratory).  
 Examination, First B.D.S., Part II.B, Zoology, in March or June.
- Summer.** Histology, Practical.  
 Practical Dental Mechanics (Dental Hospital Laboratory).

*Third Year.*

- Michaelmas.** Histology, Practical.  
 Physiology, Lectures and Practical.  
 Dental Mechanics, Lectures.  
 Dental Metallurgy, Lectures and Practical.  
 Practical Dental Mechanics (Dental Hospital Laboratory).
- Lent.** Physiology, Lectures and Practical.  
 Practical Dental Mechanics (Dental Hospital Laboratory).  
 Examination, Second B.D.S., March or September :  
 Dental Mechanics.  
 Dental Metallurgy.
- Summer.** Anatomy, Lectures.  
 Physiology, Lectures and Practical.  
 Practical Dental Mechanics (Dental Hospital Laboratory).

*Fourth Year.*

- Michaelmas. Anatomy, Lectures and Practical.  
Physiology, Lectures and Practical.  
Operative Dentistry, Practical (Dental Hospital).  
Dental Hospital, Practice.  
Clinical Medicine.  
Clinical Surgery.
- Lent. Anatomy, Lectures and Practical.  
Physiology, Lectures and Practical.  
Dental Anatomy and Physiology, Lectures.  
Dental Histology, Practical.  
Operative Dentistry, Practical (Dental Hospital).  
Dental Hospital Practice.  
Clinical Medicine.  
Clinical Surgery.
- Summer. Anatomy, Practical.  
Dental Materia Medica.  
Dental Anatomy and Physiology, Lectures.  
Dental Histology, Practical.  
Dental Hospital Practice.  
Examination, Third B.D.S., Part I., Anatomy and Physiology; Part II., Dental Anatomy and Dental Histology, June or December.

*Fifth Year.*

- Michaelmas. Pathology, Lectures and Practical.  
Dental Pathology and Surgery, Lectures.  
Orthodontics, Lectures.  
Surgery, Lectures.  
Medicine, Lectures.  
Clinical Medicine.  
Clinical Surgery.  
Dental Hospital Practice.
- Lent. Pathology, Lectures and Practical.  
Dental Pathology and Surgery, Lectures.  
Dental Prosthetics, Lectures.  
Operative Dentistry, Lectures and Demonstrations.  
Medicine, Lectures.  
Regional Surgery, Lectures.  
Clinical Medicine.  
Clinical Surgery.  
Dental Hospital Practice.

- Summer.** Bacteriology, Lectures and Practical.  
 Operative Dentistry, Lectures and Demonstrations.  
 Dental Hospital Practice.  
 Examination, Final B.D.S., Part I., June :  
     Medicine and Surgery.  
     Pathology and Bacteriology.
- Sixth Year (one term only).*
- Michaelmas.** Dental Hospital Practice.  
 General Hospital Practice.  
 Special Courses (to be arranged).  
 Examination, Final B.D.S., Part II., December :  
     Operative Dentistry.  
     Dental Pathology and Surgery.  
     Dental Prosthetics.  
     Orthodontics.

### Degree of Master in Dental Surgery.

See general note as to theses, page 399.

1. The degree of Master in Dental Surgery shall only be conferred on Bachelors in Dental Surgery in the University of at least one year's standing. Ordinance:

2. Candidates, before proceeding to the degree of M.D.S., shall produce evidence of having subsequently to the conferment on them of the degree of B.D.S. been engaged for at least one year in attendance on the practice of a Dental Hospital or in scientific work such as is conducted in the Medical departments of the University, or alternatively of having been engaged for at least two years in practice as a Dental Surgeon.

3. Candidates may elect either (i.) to present an original dissertation or (ii.) to undergo an examination.

4. The dissertation to be presented under (3) shall embody the results of personal observation, or original research, either in some department of Dental Surgery or of some science directly relative thereto; provided always that original work already published by the candidate shall be admissible in lieu of or in addition to a dissertation specially written for the degree.

5. The examination taken under (3) shall consist of an examination in the principles and practice of Dental Surgery, and in some special subject to be selected by the candidate. It shall be conducted in part by written paper, and in part by a clinical and practical examination of an advanced type in each subject.



**regulations** 1. Candidates for the degree of Master in Dental Surgery who elect to present an original dissertation are required to furnish three copies, preferably printed or type-written, of the dissertation, together with any drawings or specimens which may be necessary for illustration. These copies shall be sent to the Registrar not later than May 1st in the year of application. They will be retained by the University.

2. For candidates electing to undergo an examination :

- i. The examination shall consist of
  - (a) One written paper.
  - (b) A written commentary upon a selected case or cases.
  - (c) A practical examination.
  - (d) A *viva voce* examination.
- ii. The examination in the special subject shall consist of
  - (a) One written paper.
  - (b) A clinical, or practical, and *viva voce* examination.
- iii. The special subjects, one of which must be selected by the candidate, are
  - Dental Anatomy (including Dental Histology).
  - Dental Prosthetics.
  - Dental Materia Medica and Pharmacology.
  - Dental Pathology and Bacteriology.
  - Oral Surgery.
  - Dental Metallurgy.
  - Orthodontics.

The following fees are payable :—

On sending in application for the degree, £8. 8s.

On the conferring of the degree, £8. 8s.

## II. UNIVERSITY DIPLOMA IN DENTISTRY.

### Courses of Study and Examinations.\*

#### ORDINANCES FOR DIPLOMAS.

**Ordinances** 1. There shall be a Diploma of Licentiatehip in Dental Surgery, L.D.S. (Manc.).

2. All candidates for the Diploma are required to have passed such a preliminary examination as may be from time to time required by the General Medical Council, for registration as a Dental student before entering the University and before sitting for the First L.D.S. Examination.

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\* For details of subjects of study and examination for the Diploma in Dentistry see page 603.

3. All candidates for the Diploma are required to have Ordinances pursued four courses of study and to have satisfied the Examiners in the four examinations entitled respectively:

The First Examination.

The Second Examination.

The Third Examination.

The Final Examination.

**FIRST COURSE AND EXAMINATION.**

4. The subjects of the First Examination are :

(a) Chemistry, Inorganic and Elementary Organic.

(b) Physics, including Mechanics.

NOTE.—This examination must be passed before a candidate can be registered by the University as a dental student. The courses in Chemistry and Physics may be taken at the University or elsewhere. Students must be engaged in professional study for four years after passing the First L.D.S. Examination.\*

Special attention is drawn to the details of subjects of study and examination for the First L.D.S. in the Prospectus of the Dental Department.

**SECOND COURSE AND EXAMINATION.**

5. Candidates, before presenting themselves for the Second Examination, are required—

- (i.) to have passed the First Examination ;
- (ii.) to have registered with the General Medical Council ;
- (iii.) to furnish certificates of having attended courses of instruction in each of the subjects of the examination in accordance with the University regulations.

Candidates, before presenting themselves for the examination in Dental Mechanics, must also furnish a certificate of having attended satisfactorily the Prosthetic Laboratory work of an approved Dental Hospital during not less than two years, or of having served an apprenticeship of not less than two years in the laboratory of a registered dental practitioner and, in addition, of having attended satisfactorily for not less than one year in the Prosthetic Laboratory of an approved Dental Hospital.

6. The subjects† of the Second Course and Examination are :

(a) Biology.‡

(b) Dental Mechanics.

(c) Dental Metallurgy.

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\* Students should register with the General Medical Council as soon as possible after they have passed the First L.D.S. Examination.

† The subjects of the examination may be taken separately.

‡ Candidates may take and pass separately in Botany and Zoology.

## THIRD COURSE AND EXAMINATION.

finances 7. Candidates, before presenting themselves for either part of the Third Examination, are required to furnish certificates of having attended courses of instruction in each of the subjects of the part in accordance with the University Regulations for attendance, and to have passed the Second Examination.

8. The subjects of the Third Course and Examination are:

Part I. (a) Anatomy and Histology.

(b) Physiology.

Part II. Dental Anatomy and Dental Histology.

Candidates will be allowed to pass separately in Part I. and Part II. of the Third L.D.S. Examination.

## FINAL COURSE AND EXAMINATION.

9. Candidates, on presenting themselves for the Final Examination, are required to furnish certificates of having attended courses of instruction in each of the subjects of the examination in accordance with the University Regulations for attendance, and to have passed the Third Examination.

10. The subjects of the Final Course and Examination are:

Part I. (a) Surgery.

(b) Medicine.

(c) Pathology and Bacteriology.

Part II. (a) Operative Dentistry.

(b) Dental Pathology and Surgery, with Materia Medica and Therapeutics in their application to Dental Surgery.

(c) Dental Prosthetics.

(d) Orthodontics.\*

A candidate must present himself for Part I. and Part II. of the Final Examination at the same time. A candidate may be allowed to pass Part I. or Part II. of the Final Examination separately.

11. The Diploma shall also be awarded

(a) To persons who have graduated Bachelor of Dental Surgery in the University.

(b) To candidates for the degree of Bachelor of Dental Surgery who have not passed the Final Examination for the degree, but shall have been declared by the Examiners to have so acquitted themselves at the Final Examination as to have deserved the Diploma. Such candidates shall receive the Diploma without further study or examination.

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\* Examiners will take cognizance of clinical work done during the period of studentship, and a definite proportion of marks will be allotted for this work.

# **REGULATIONS FOR DIPLOMAS.**

## **COURSES OF STUDY AND EXAMINATION.**

Every candidate for a Licence in Dentistry or Dental Regulations Surgery shall be required to produce certificates showing:

1. That he is at least twenty-one years of age.
2. That he has been registered as a Dental student.
3. That he has subsequently to the date of registration been engaged in professional study for at least four years.
4. That he has attended approved courses of instruction in the following subjects:—

(a) Biology.

(A) Botany. (B) Zoology.

(b) Anatomy and Histology, Lectures, six months, or one course recognised by the University.

Laboratory work, three terms.

(c) Physiology, Lectures, six months, or one course recognised by the University.

Laboratory, two terms.

(d) Surgery (including the elements of Surgical Pathology) for six months.

(e) Medicine, six months.

(f) Pathology and Bacteriology, Lectures, two terms, and Practical Work, two terms.

(g) Clinical Surgery (at a recognised General Hospital) for four terms.

(h) Clinical Medicine, four terms.

5. That he has attended courses of instruction in the following *Special Subjects*, at a recognised Dental School, for at least the period specified:—

(a) Dental Anatomy and Physiology, Human and Comparative, for three months.

(b) Dental Pathology and Surgery for two terms.

(c) Dental Metallurgy (with practical work and demonstrations) for three months.

(d) Dental Mechanics (lectures and demonstrations) for three months.

(e) Operative Dentistry for three months.

(f) Dental Histology for three months.

inations

- (g) Administration of the Anæsthetics usually employed in Dental practice.
- (h) *Materia Medica* and Therapeutics in their application to Dental Surgery for three months.
- (i) Dental Prosthetics, an approved course.
- (k) Orthodontics, an approved course.

6. That he has received two years' instruction in *Practical Dental Mechanics* in the Prosthetic Department of a recognised Dental School and Hospital, or from a registered Dentist.

From October, 1925, the regulations require that instruction taken by a pupil with a registered Dentist shall be at least twice the time required for the corresponding instruction taken at a Dental School, and that at least three years be spent in study at a recognised Dental School.

7. That he has for two years attended the practice of a recognised Dental Hospital, or of the recognised Dental Department of a General Hospital.

[For Syllabus containing details of courses of study for the Diploma, see *Prospectus of the Dental Department*.]

#### \* SUGGESTIONS TO STUDENTS.

Candidates failing in examinations for the B.D.S. and L.D.S. will be required to produce evidence of having satisfactorily attended revision courses in the subjects in which they have been referred, before sitting again.

I. Students preparing for the *Diploma* in Dentistry of this University should attend the following classes:

##### *Preliminary Science Course.*

- |            |   |
|------------|---|
| Michaelmas | 1. †Chemistry, Lectures I. (two terms). |
| and        | 2. †Chemistry, Practical.               |
| Lent.      | 3. †Physics, Lectures and Practical.    |

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\* See notice on page 380.

† This instruction need not be obtained at the University

*Diploma in Dentistry.*

*First Year.*

- Michaelmas. Zoology, Lectures and Practical.  
Practical Dental Mechanics (Dental Hospital Laboratory).
- Lent. Zoology, Lectures and Practical.  
Practical Dental Mechanics (Dental Hospital Laboratory).
- Summer. Botany, Lectures and Practical.  
Practical Dental Mechanics (Dental Hospital Laboratory).

*Second Year.*

- Michaelmas. Dental Mechanics, Lectures.  
Dental Metallurgy, Lectures and Practical.  
Practical Dental Mechanics (Dental Hospital Laboratory).
- Lent. Practical Dental Mechanics (Dental Hospital Laboratory).
- Summer. Anatomy, Practical.  
Practical Dental Mechanics (Dental Hospital Laboratory).

*Third Year.*

- Michaelmas. Anatomy and Histology, Lectures, Demonstrations, and Practical.  
Physiology, Lectures and Practical.  
Operative Dentistry, Practical, (Dental Hospital).  
Dental Hospital Practice.  
Clinical Medicine.  
Clinical Surgery.
- Lent. As for Michaelmas term, with the addition of—  
Dental Anatomy and Physiology, Lectures.  
Dental Histology.  
Operative Dentistry (Lectures and Demonstrations).
- Summer. Dental Histology.  
Dental Anatomy and Physiology.  
Anatomy, Practical.  
Dental Hospital Practice.  
Operative Dentistry (Lectures and Demonstrations).  
Dental Materia Medica.

*Fourth Year.*

- Michaelmas. Surgery, Lectures.  
 Dental Hospital Practice.  
 Clinical Medicine.  
 Clinical Surgery.  
 Pathology and Bacteriology, and Practical.  
 Dental Pathology and Surgery.  
 Medicine, Lectures.  
 Orthodontics, Lectures.
- Lent. Regional Surgery.  
 Dental Hospital Practice.  
 Clinical Medicine.  
 Clinical Surgery.  
 Pathology and Bacteriology, and Practical.  
 Dental Prosthetics.  
 Dental Pathology and Surgery.  
 Medicine, Lectures.
- Summer. Dental Hospital Practice.

## II. Students taking the L.D.S. of the University of Manchester after apprenticeship.

The following suggestions are offered for students taking the L.D.S., who have already taken at least two years' training in Practical Dental Mechanics with a registered dentist and are registered Dental students, concerning the course of study which should subsequently be pursued, and which may be taken in the last three years in conjunction with their Dental Hospital Practice:

### LECTURES.

#### *First Year (Second Year of Ordinary Course).*

### WINTER.

The following courses should be attended :

\*Dental Mechanics (Lectures and Demonstrations).

\*Dental Metallurgy (Lectures and Practical).

\*Zoology (Lectures and Practical).

Practical Dental Mechanics Dental Hospital Laboratory.

The Second Examination in Dental Metallurgy and Zoology should be passed at this stage.

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\* If not already attended.

## SUMMER.

The following courses should be attended:

\*Botany (Lectures and Practical).

Practical Dental Mechanics (Dental Hospital Laboratory).

Anatomy, Practical.

Second Examination, Dental Mechanics and Botany in September.

*Second Year (Third Year of Ordinary Course).*

As for Ordinary Students (see page 605).

The Third Examination should now be taken.

*Third Year (Fourth Year of Ordinary Course).*

As for Ordinary Students (see page 606).

The Final Examination should now be taken

*\*\*\*Dental students are advised to consult the regulations referring to diplomas in Medicine and Surgery, and to register for Medicine as well as for Dentistry. This will enable them, without repeating the attendance on classes, to proceed to both qualifications, should they desire to do so.*

*Medical students who desire to study Dentistry should also register as Dental students.*

## Special Regulations relating to Medical Students or Practitioners.

Candidates who have passed in any of the subjects of the First Examination at an approved University or Institution may be exempted from the corresponding subjects in the First L.D.S. Examination.

Candidates who have passed in Anatomy and Physiology at an approved University or Institution may be exempted from the corresponding subject or subjects in the Third L.D.S. Examination.

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\* If not already attended.



Candidates who have passed in Pathology or Surgery at an approved University or Institution may be exempted from the corresponding subject or subjects in the Final L.D.S.

Candidates for the L.D.S. who may have been exempted from a portion of the course shall, in all cases, be required to attend at the University for a period of two years, the attendance to include Practical Dental Mechanics for a period of two years at an approved Dental Hospital.

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Candidates for the B.D.S. Examinations who may have been exempted from a portion of the course shall, in all cases, be required to attend courses at the University for a period of not less than three years, the attendance to include a course in Practical Dental Mechanics for a period of not less than three years at an approved Dental Hospital.

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Students wishing to study for the L.D.S. Diploma of the Royal College of Surgeons of England, may obtain the regulations on application to the Secretary, Examination Hall, 8-11, Queen Square, Bloomsbury, London, W.C.1.

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## Pharmaceutical Department.

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The Pharmaceutical Department of the University of Manchester was founded in 1883, by the late Professor D. J. Leech, M.D., with the object of providing a sound course of training for students preparing for the examinations of the Pharmaceutical Society of Great Britain which are the legal qualifications for the practice of Pharmacy in this country. The responsible nature of the Pharmacist's calling demands a thorough training, and to this end the Council of the Pharmaceutical Society has instituted compulsory curricula, with division of the Qualifying Examinations into two parts.

Pharmaceutical students before entering on the courses in the University which prepare for these examinations must have passed one of the several preliminary examinations recognised by the Pharmaceutical Society for registration as "Apprentices or Students," and must be so registered by the Pharmaceutical Society before enrolment. A list of such examinations, which must be of senior standard and must include English, Mathematics, and two optional subjects, one of which must be a language, is given in the Examination Regulations of the Pharmaceutical Society, copies of which may be had on application to the Registrar, 17, Bloomsbury Square, London, W.C.1. Some knowledge of Latin is also very desirable.

Up to April, 1936, the School Examination Certificate must include a "pass with credit" in any two of the specified subjects.

After April 1st, 1936, the standard required will be (a) Matriculation or its equivalent, (b) the Medical Preliminary Examination of the College of Preceptors taken at one sitting. The Certificate must include Mathematics. A person over 25 years of age may be admitted to a special preliminary examination. No period of attendance at approved courses of instruction can be recognised until one of these examinations has been passed.

Women students are admitted to the classes in the Pharmaceutical Department, and are required to see the Adviser to Women Students as soon as possible after registration, and, in any case, not later than the end of the third week of the session. All women students are invited to apply to the Adviser to Women Students at any time for information or advice.

### COURSES OF STUDY.

Complete courses of study are arranged for the Preliminary Scientific Examination and for the Qualifying Examination of the Pharmaceutical Society, for registration as "Chemist and Druggist" under the Pharmacy Acts, 1868 and 1908, and as

"Pharmaceutical Chemist" under the Pharmacy Act, 1852, also for the degree of B.Sc. in pharmaceutical subjects which degree is accepted by the Pharmaceutical Society as exempting from the Pharmaceutical Chemist Qualifying Examination.

The Preliminary Scientific Examination and the Chemist and Druggist Qualifying Examination are held in or about the first week in January, April, July, and October. The Pharmaceutical Chemist Qualifying Examination is held twice yearly in July and January, and the B.Sc. examination in June of each year.

**In addition to attendance at an approved course of instruction a candidate for any of the Society's examinations will be required to have completed the course to the satisfaction of the University authorities.**

The requirements for the *Preliminary Scientific Examination* are :

Physics ... ..	120 hours.
Botany ... ..	120 hours.
Chemistry ... ..	200 hours.

The Final or Intermediate Examination of any University and the Higher School Certificate Examination are accepted as Preliminary Scientific Examinations.

The requirements for the *Chemist and Druggist Qualifying Examination* are :

Pharmacy, including Forensic Pharmacy,	300 hours.
Pharmaceutical Chemistry,	300 hours.
Pharmacognosy,	120 hours.
Total,	720 hours.

Candidates sitting for this examination must be over 21 years of age and must have completed an apprenticeship of 4,000 hours spread over not less than two years.

The requirements for the *Pharmaceutical Chemist Qualifying Examination* are :

Chemistry,	440 hours.
Botany,	270 hours.
Pharmacy, including Forensic Pharmacy and Pharmaceutical Chemistry,	620 hours.
Pharmacognosy,	270 hours.
Total,	1,600 hours.

Candidates sitting for this examination must be over 21 years of age and must have completed an apprenticeship of 2,000 hours.

The apprenticeship or more correctly the practical training in the dispensing and compounding of medicines during apprenticeship must be done under the direct supervision of a pharmacist

in a pharmacy, or in a manufacturing pharmaceutical laboratory, or in the dispensary of a hospital or similar institution, under conditions approved for the purpose by the Council of the Pharmaceutical Society. Registration as an "apprentice or student" must be effected with the Pharmaceutical Society before commencing apprenticeship, and before entering for the Preliminary Scientific Examination.

Courses of study for the *Preliminary Scientific Examination* extend from October to the end of March.

Part-time courses of study for this examination are held at the Manchester Municipal College of Technology and at the Salford Royal Technical College; they are intended to be taken during apprenticeship.

Courses of study for the *Chemist and Druggist Qualifying Examination* extend over nine months, October to the end of June. The course covers the syllabus set forth in the Regulations of the Pharmaceutical Society, and an approved systematic course of instruction for this examination shall mean a course which provides for the attendance of students for a period of not less than 900 hours, spread over not less than one session of approximately nine months' duration after the passing of the Preliminary Scientific Examination, or after sitting for this examination and being referred in one subject only.

The course for the *Pharmaceutical Chemist Qualifying Examination* extends over two sessions, each of approximately nine months' duration. The course covers the syllabus detailed in the Regulations of the Pharmaceutical Society and involves a knowledge of both scientific French and German. Students must have passed the Preliminary Scientific Examination or have passed in two of the three subjects of this examination.

Persons holding the Chemist and Druggist Qualification must take a further course of instruction of 1,060 hours before entering for the Pharmaceutical Chemist Examination. In practice this means a nine months' course in the first year and a six months' course in the second year. Such persons are excused the examinations in Dispensing and in Forensic Pharmacy.

#### FEES.

*Cheques for fees, which are due at the time of registration, should be made payable to the order of "The Bursar, the Victoria University of Manchester," and crossed "District Bank Limited."*

**NOTE.**—The Council reserve the right to alter any of these fees without previous notice.

The Men's Union Fee was increased by 10 6 as from Session 1930-31; this causes the difference in the Composition fees for Men and Women.

Fees as follows are payable at the commencement of the Session :

	<i>Men.</i>	<i>Women.</i>
*Composition Fee for six months' Course for Preliminary Scientific Examination ... ..	22½ gns.	22 gns.
Physics Laboratory Deposit, 1 gn.		
Deposit for Chemicals, etc., 2 gns.		
Fee for Botany microscope, 10s.		
*Composition Fee for nine months' Course for Chemist and Druggist Qualifying Examination ... ..	30½ gns.	30 gns.
Fee for drugs, etc., 2 gns.		
*Composition Fee for Pharmaceutical Chemist Qualifying Examination ...	30½ gns.	30 gns.
Deposit for Chemicals, Drugs, etc., £6.		
Fee for Botany microscope, 10s.		

In addition a botanical laboratory deposit of £1. 1s. for apparatus, etc., to be returned less cost of breakages, is payable in alternate years commencing 1933-34, *i.e.*, in the years when the Physiology of Flowering Plants Course is taken.

*Composition Fee for nine months' Course for the Assistant's examination of the Society of Apothecaries...	30½ gns.	30 gns.
Fee for Drugs, etc., 1 gn.		
Deposit for Chemicals, etc., 2 gns.		

\* These Composition Fees include the fees for the Library, Students' Union, and Athletic Union.

Special students may enter the Pharmaceutical Laboratory for advanced work at the following fees: one day or two half-days per week for three months, £3. 3s.; for six months, £5. 5s.

A Revision Course is held in August—September. Fee for the Course, £5. 15s. 6d.

**Scholarships and Prizes.**—The *Manchester Pharmaceutical Association Scholarship*, of the annual value of about £45, the *Fairchild Scholarship*, of the value of £60, and the *Leverhulme Scholarships*, three in number, each of the annual value of £60, are all tenable for one year at the University. The examinations for these Scholarships are held in June of each year. Candidates must be "Student Associates" of the Pharmaceutical Society and must be between nineteen and twenty-two years of age. For full particulars respecting these Scholarships apply to the

Registrar, The Pharmaceutical Society, 17, Bloomsbury Square, London, W.C.1., but, in the case of the Fairchild Scholarship, apply to the Secretary to the Committee of Trustees, Albert Chambers, 65, Holborn Viaduct, London, E.C.1.

For regulations for the award of the Wild Prize in Pharmacology see page 773, and for the Silver Medals in Pharmaceutics see page 774.

In 1928 the Pharmaceutical Department of the University was recognised by the Pharmaceutical Society as the School of Pharmacy responsible for the training of pharmacy students in this area for the qualifying examinations. The classes in Pharmacognosy, Pharmaceutics, Forensic Pharmacy, and Pharmaceutical Chemistry, are given by the Lecturers in Pharmacy, and the classes in Chemistry, Physics, and Botany, are given by the Professors and Lecturers in these subjects. Students have thus the advantage of teachers who are specialists in their respective subjects, whilst the constant intercourse with medical and science students cannot but be productive of the best results to Pharmacy. All pharmacy students have access to the Museum of Materia Medica adjoining the Pharmaceutical Department, where every facility is given for the study of the actual specimens both of official and unofficial drugs, and to the departmental library as well as to the Botanical portion of the Manchester Museum, which adjoins the Botanical Department. The practical work in Pharmaceutics is carried out in three dispensaries and in a technological laboratory equipped with a small scale manufacturing plant. Two other laboratories are devoted to practical Pharmaceutical Chemistry; these as well as the technological laboratory constitute the Woolley laboratories which were opened in 1930. The subject of practical Pharmacognosy is taught jointly by the staffs of the departments of Botany and Pharmacy in the Botanical laboratories.

### DEGREE COURSES FOR PHARMACEUTICAL STUDENTS.

In 1904 the subject of Pharmacy was included in the list of subjects which may be presented for a degree in Science. Pharmaceutical students who have passed the Matriculation Examination, or its equivalent, may proceed to the degree of B.Sc. in the University which has been so arranged for students of Pharmacy as to include all the subjects of the Pharmaceutical Chemist Qualifying Examination. The degree does not confer the right to practise Pharmacy, but a person who has passed the Final Examination for this degree and who has completed an

apprenticeship of 2,000 hours and has passed the examination in Forensic Pharmacy conducted by the Society shall be entitled to be registered as a Pharmaceutical Chemist.

Candidates entering upon a course for a degree in the Faculty of Science are required (i.) to have passed in Mathematics as a subject of the Matriculation Examination, or to give evidence satisfactory to the Senate of having attained an equivalent standard; (ii.) to have passed in Mechanics as a subject of the Matriculation Examination, or to give evidence satisfactory to the Senate of having attained an equivalent standard. All enquiries regarding the Matriculation Examination should be made direct to the Secretary, Joint Matriculation Board, 315, Oxford Road, Manchester, 13.

N.B.—Details of the examinations regarded as satisfying the University requirements in Mechanics for admission to the Faculty of Science will be found on pages 333—334.

**Ordinary Degree Course.**—Pharmaceutical students who wish to take the ordinary degree of B.Sc. should, during their first year of study after passing the Matriculation Examination or its equivalent, attend courses in Chemistry, Physics, Botany, and Zoology, and present themselves for the Intermediate Examination in these subjects at the end of the first year. Candidates who have passed the Intermediate Science examination in Chemistry, Physics, and Botany, and who have completed satisfactorily a course in Intermediate Science Mathematics, attend a short three months course in Zoology in the second year. Candidates before proceeding to the Final Examination must present certificates of having attended satisfactorily during the second and third years approved courses in Chemistry, Pharmaceutical Chemistry, Botany and Pharmacognosy, Pharmaceutics, and short courses in Bacteriology and in methods of Biological Assay. They must also present satisfactory evidence that they can read scientific literature in German by passing a language test in this subject. They are required to pass the Final Examination in the subjects of (1) Chemistry, (2) Pharmaceutical Chemistry, (3) Botany and Pharmacognosy, (4) Pharmaceutics.

For conditions under which the Joint Matriculation Board will, on application, grant exemption from the Matriculation Examination to students who have passed other examinations of equivalent standard, see the Syllabus of the Joint Matriculation Board.

For full particulars as to the courses for the ordinary degree and the Honours degree of B.Sc. and as to the post-graduate courses in the Chemistry and Microscopy of Drugs, see the Prospectus of the Pharmaceutical Department and the Department of Public Health.

## Faculty of Music.

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1. The degrees in the Faculty of Music are Bachelor of Music Ordinances (Mus.B.) and Doctor of Music (Mus.D.).

### FIRST EXAMINATION FOR THE DEGREE OF BACHELOR OF MUSIC.

2. Candidates, before presenting themselves for the First Examination, are required to have passed the Matriculation Examination.\* Candidates are also required at some period previous to the Third Examination to present certificates of satisfactory attendance on a class in one of the subjects other than the principles of music and acoustics of the Intermediate B.A. Examination. Candidates who are graduates in any other Faculty are excused from attendance under this clause.

3. The subjects of the First Examination are :

- (1) Harmony.
- (2) History of Music.
- (3) Principles of Sound.

4. The names of candidates who have satisfied the Examiners are published in alphabetical order.

### SECOND EXAMINATION FOR THE DEGREE OF BACHELOR OF MUSIC.

5. Candidates, before presenting themselves for the Second Examination, are required to furnish certificates of having attended in the University, during at least one year, in each of the subjects of examination, courses of instruction approved by the University, and to have passed the First Examination, except that, with permission of the Board of the Faculty, candidates who have satisfied the Examiners in subjects (1) Harmony and (2) History of Music in the First Examination, and have failed in (3) Principles of Sound, may present (3) again, concurrently with the subjects for the Second Examination.

6. The subjects for the Second Examination are :

- (1) Harmony.
- (2) Counterpoint.
- (3) History of Music.
- (4) Musical Forms.

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\* Candidates are advised to pass the Matriculation Examination see page 396) before entrance.



**finances** Candidates must satisfy the Examiners of their proficiency in playing a musical instrument.\*

7. The names of candidates who have satisfied the Examiners are published in alphabetical order.

### THIRD EXAMINATION FOR THE DEGREE OF BACHELOR OF MUSIC.

8. Candidates, before presenting themselves for the Third Examination, are required to furnish certificates of having attended in the University, during at least one year, in each of the subjects of examination, courses of instruction approved by the University, and to have passed the Second Examination.

9. The subjects for the Third Examination are :

- (1) Counterpoint.
- (2) Composition.
- (3) Orchestration.

10. The names of candidates who have satisfied the Examiners are published in two divisions, the names in each being in alphabetical order.

11. Candidates for the degree of Bachelor of Music are required, after passing the Second Examination, and at such date as shall be fixed by the Senate, to present an original exercise, such as would occupy not less than a quarter of an hour in performance, accompanied by a written declaration in each case that it is the candidate's unaided composition. Candidates may, however, with the special permission of the Board of the Faculty, substitute for the above exercise a thesis on, *either (a) an important musical work, or (b) a period of musical history.* No candidate will be admitted to the degree of Bachelor of Music unless the Examiners shall have certified to the Senate that the exercise or thesis has been approved by them.

### DETAILED SUBJECTS OF EXAMINATION.

#### FIRST EXAMINATION.

**regulations**

1. Harmony in not more than four parts, for voices, and for strings.
2. History of Music.
3. Principles of Sound (Elementary Theory of Acoustics).

\* Candidates who have obtained any of the following qualifications are exempted from the Examination in proficiency in playing a musical instrument.

The Licentiatehip of the Royal Academy of Music	L.R.A.M.
The Associateship of the Royal College of Music	A.R.C.M.
The Associateship of the Royal Manchester College of Music	A.R.M.C.M.
The Fellowship of the Royal College of Organists	F.R.C.O.
The Licentiatehip of Trinity College, London	L.T.C.L.

SECOND EXAMINATION.

Qualification

1. Harmony in not more than five parts.
2. Counterpoint (Ancient and Modern) in not more than four parts.
3. History of Music (some special period).
4. Musical Form.
5. (a) Playing at sight.  
(b) Playing a prepared piece, to be previously approved by the Board of the Faculty of Music.

THIRD EXAMINATION.

1. Counterpoint and Fugue in not more than five parts.
2. Composition in various Forms.
3. Orchestration.
4. Oral Examination, including analysis of selected scores.

Each candidate is required to send to the Registrar\* an original composition, such as would occupy not less than a quarter of an hour in performance, and satisfying the following conditions:

- (a) That it comprise some portion for a solo voice, and some considerable portion for a chorus of five real parts.
- (b) That it comprise some specimens of Canon and Fugue, but at the same time show an acquaintance with the resources of Modern Harmony and Counterpoint.
- (c) That it have an accompaniment (occasionally independent) for a band of bowed instruments and wood-wind, with or without organ.

B. ATTENDANCE.

Candidates for the Second and Third Examinations will be required to present satisfactory certificates of attendance upon the courses of instruction for such examinations, approved by the University.

DEGREE OF DOCTOR OF MUSIC.

See general note as to theses, page 399.

1. No candidate will be admitted to the degree of Doctor of Music until at least four years have elapsed since the date of qualification for the degree of Bachelor of Music.

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\* The composition must be sent to the Registrar on or before April 1st.

**ordinances** 2. Graduates in Music of other approved Universities, who are recommended by the Board of the Faculty, may be admitted to the degree of Doctor of Music provided they shall have pursued a course of study in this University during a period of not less than three years. Such graduates shall not be admitted to the degree until four years have elapsed from the date of their first degree in the approved Universities.

3. Candidates will be required to present an original Exercise to be approved by the Senate after a report from the Board of the Faculty of Music, and to pass an examination.

**regulations** In the fourth or any subsequent year after having obtained the degree of Bachelor of Music, the candidate may, on or before April 1st, send to the Registrar an original composition, containing

- (a) The first movement of a symphony for full orchestra, including four horns, two trumpets, and three trombones.
- (b) An unaccompanied Octet.
- (c) A Song.
- (d) A Recitative.
- (e) An eight-part Choral Fugue.

As an alternative to the above, candidates may submit an Exercise in any one of the following forms:

Symphony for full orchestra.

Symphonic Poem or Suite for full orchestra.

Concerto for Solo Instrument, with full orchestra.

Cantata or Choral Ballad, with full orchestra.

Artistic as well as scholastic merit will be taken into account. The Exercise will become the property of the University.

Candidates will, after approval of the Exercise, be required to pass an examination consisting of four papers. These will include Counterpoint for not more than eight voices, and Composition for a full orchestra, and for various combinations of selected instruments.

For further particulars, including fees, see special Prospectus of the Faculty of Music.

#### COURSE OF STUDY FOR DEGREE OF MUS.D.

Attendance in classes is not required for this degree except in the case of a candidate entering under Ordinance 2, which applies to graduates of other Universities, who must pursue a course of study in the University during a period of not less than three years. Nevertheless, the course for Mus.D. is open to any candidates who

have taken the degree of Mus.B. in the University of Manchester, **Regulations** and who may desire to avail themselves of more advanced training.

Graduates of other Universities desiring to seek admission as candidates for the degree of Mus.D. are advised to communicate with Dr. Keighley, Secretary of the Faculty of Music, from whom further particulars may be obtained.

Fee for each session, £15. 15s. Students who have not already paid a registration fee in this University for a period of three years, will pay a registration fee of £1. 1s. per session, in addition.

Candidates, before admission to the course, must satisfy the Lecturer as to their efficiency as performers in some branch of Practical Music.

## The Faculty of Commerce and Administration.

**dinances** 1. The degrees in this Faculty are Bachelor of Arts in Commerce\* (B.A. (Com.)), Master of Arts in Commerce (M.A. (Com.)), Bachelor of Arts in Administration\* (B.A. (Admin.)), and Master of Arts in Administration (M.A. (Admin.)).

2. Candidates for the degree of Bachelor in the Faculty are required:

- (1) To have satisfied the Matriculation requirements of this University or to have obtained exemption therefrom.
- (2) To have attended a course of study approved by the University and extending over at least three years.
- (3) To have passed an examination in the subjects prescribed in either Ordinance 3 (A) or in Ordinance 3 (B).

3. (A) Candidates for the degree of B.A. (Com.) will be required to satisfy the Examiners in the following subjects:

- (1) Political Economy.
- (2) Geography.
- (3) Modern History.
- (4) A Modern Foreign Language† (including its commercial uses).
- (5) The Organisation and Administration of Industry.
- (6) Accounting.
- (7) Commercial Law.‡
- (8) History of Industrial Organisation.
- (9) One or more special subjects, to be defined by regulation.

Distinction may be awarded in one or more subjects, to be determined by regulation.

3. (B) Candidates for the degree of B.A. (Admin.) will be required to satisfy the Examiners in the following subjects:

- (1) Political Economy.
- (2) Political Philosophy.
- (3) Modern History.
- (4) One Modern Foreign Language.†

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\* See note 2- to graduation, page 399.

† No candidate will be allowed to take in a degree or certificate course in the Faculty a foreign language which is his mother-tongue.

‡ The course in Company Law (Special Subject, Group C) may be substituted for the second year of the course in Commercial Law.

- (5) Central Government.
- (6) Local Government.
- (7) Accounting, or by permission of the Board of the Faculty, Geography.
- (8) History of Industrial Organisation.
- (9) A Modern Foreign Language taken at the advanced stage, or a Second Foreign Language.
- (10) One or more special subjects, to be defined by regulation.

Distinction may be awarded in one or more subjects, to be determined by regulation.

4. Candidates may present themselves for examination in any one subject or any selection of subjects at one examination, and subjects in which candidates have failed may be offered in any subsequent examination.

5. Candidates who have passed the Final degree examination of this or any other approved University, or who present evidence of University study satisfactory to the Board of the Faculty, may be excused such attendance as the Board of the Faculty and Senate may determine, provided that at least two years of study in the subjects for the degree shall be required.

1. Candidates who have not attended approved courses in Regulations the University for a minimum of six hours per week in each of three years, shall not be admitted to the degree without such further attendance as the Board of the Faculty may determine.

2. The successful candidates in the examination in each subject for the respective degrees shall be placed in two divisions, but the names of candidates who have completed the requirements for a degree shall be placed in alphabetical order.

3. Examinations in all subjects shall be held once in each year, at times determined by the Board of the Faculty.

#### COURSES OF STUDY AND ATTENDANCE.

4. Before presenting themselves for examination in any subject candidates are required to have attended satisfactorily the course in that subject approved by the Board of the Faculty, provided that the Board may require further attendance from candidates in subjects in which they have presented themselves for examination and in which they have failed to satisfy the Examiners.

5. The subjects included in the examinations in the Faculty shall be as follows:

#### *Political Economy.*

The Economics of Consumption, Production, Exchange, and Distribution.

**lations Geography.**

Definition and description of geographical conditions and their influence on economic and political development.

**Modern History.**

Outlines of General History from the fall of Napoleon, with special reference to social and economic developments.

**Modern Languages (other than Russian).**

1. Translation from English and into English with grammatical questions.
2. Composition and commercial correspondence.
3. Dictation and conversation.

**Russian.**

1. Translation at sight from Russian into English.
2. Translation of easy English passages into Russian, with Russian Grammar.
3. Translation from one or more specified books, with any literary and grammatical questions arising out of them.
4. Dictation.
5. Proficiency in pronunciation to be tested orally.

**The Organisation and Administration of Industry.**

A description and analysis of modern industrial and commercial conditions.

**Accounting.**

The principles and practice of Accounting.

**Commercial Law.**

Arbitration; Contracts; Principal and Agent; Partnership; Limited Companies; Guarantees; Carriage by Land; Carriage by Sea; Insurance; Sale of Goods; Negotiable Instruments; Bankruptcy.

**Political Philosophy.****Central Government.****Local Government.****History of Industrial Organisation.****Special Subjects.**

I. Candidates for the degree of B.A. (Com.) shall be required to take one of the following alternatives:—

1. One subject from Group A, or

2. Two subjects from Group B, one of which must be either <sup>regulations</sup> a second modern foreign language (including its commercial uses), or the advanced stage of a modern foreign language, or
3. A second modern foreign language (including its commercial uses), or the advanced stage of a modern foreign language from Group B, together with two subjects from Group C.

*Group A.\** Any of the following subjects in Groups 1 and 2 of Ordinance 14 for the Final Examinations for the degree of Bachelor of Science :—Chemistry, Engineering, Geography, Mathematics, Metallurgy, Physics, Psychology, or any Technological subject or subjects of equivalent standard, as approved by the Board of the Faculty of Commerce and Administration. Candidates will be required to attend classes in the selected subject or subjects for at least four hours a week for two years, or equivalent attendance, and to take at least four papers in the required examination.

*Group B.*

- (1) A second modern foreign language (including its commercial uses).
- (2) The advanced stage of a modern foreign language. This will include an extended practical knowledge of the written and spoken language and its commercial uses.
- (3) Public Economics and Finance.
- (4) A period of Economic History.

*Group C.*

- |                                       |                                     |
|---------------------------------------|-------------------------------------|
| (1) The Cotton Industry.              | (8) Banking.                        |
| (2) Industrial Psychology I.          | (9) International Law.              |
| (3) Industrial Psychology II.         | (10) Constitutional Law.            |
| (4) Statistics I.                     | (11) Advanced Accounting.           |
| (5) Statistics II.                    | (12) Currency and Foreign Exchange. |
| (6) Social Economics.                 |                                     |
| (7) Outlines of Political Philosophy. | (13) Company Law.†                  |

Such other subjects as the Board of the Faculty may at any time approve, under *Groups B and C*.

\* In the case of most subjects in these groups considerably more than four hours attendance a week for two years will be required, and in certain subjects a practical examination will be substituted for two papers.

† This course may be substituted for the second year of the course in Commercial Law.



ulations II. Candidates for the degree of B.A. (Admin.) shall be required to take *one* of the following alternatives :—

1. Two subjects from *Group B*, or

2. One subject from *Group B*, and two subjects from *Group C*.

*Group B.*

(1) Public Economics and Finance.

(2) Economic History.

(3) International Law.

(4) English Constitution.

(5) Administration of Public Utilities by Statutory Bodies.

(6) History and Organisation of English Education.

(7) Elements of English Law.

*Group C.*

(1) Statistics I.

(2) Statistics II.

(3) Social Economics.

(4) Industrial Psychology, I.

(5) Industrial Psychology, II.

(6) Advanced Accounting.

(7) Regional Geography.

Such other subjects as the Board of the Faculty may at any time approve under *Groups B* and *C*.

6. Distinction may be awarded in one or more of the following subjects .—

Economics,  
Economic History,  
Geography,  
French,  
German,  
Spanish,  
Chinese,  
Italian,  
Law.

7. Candidates who seek to obtain distinction are required to complete the additional attendance required, and also undergo further examination in the subjects in which it is sought as follows :

#### ADDITIONAL ATTENDANCE.

Economics	...	...	...	5 hours a week.
Economic History	...	...	...	5 hours a week.
Geography	...	...	...	5 hours a week.
French	...	...	...	6 hours a week.
German	...	...	...	6 hours a week.
Spanish	...	...	...	6 hours a week.
Law	(see page 626).			

## FURTHER EXAMINATION.

Regulations

*Economics ; Economic History ; Geography ;*

in each subject :

General ... .. 2 papers.

Special subject ... .. 2 papers.

Essay.

As in Honours School of Economics, Politics, and Modern History, for B.A. degree.

*French :—*

Translation from English into French ... 1 paper.

Essay or Essays in French on subjects relating to French Literature, History, or Institutions 1 paper.

Translation from unspecified Modern French books ... .. 1 paper.

A specified period or subjects of French Literature subsequent to 1600 with certain specified authors or works ... .. 1 paper.

Oral.

As in Honours School of French Language and Literature for B.A. degree.

*German :—*

Translation of passages from unspecified New High German Texts, and literary and linguistic questions bearing upon such texts... half paper.

Translation and explanations of specified New High German Texts, with literary and linguistic questions bearing upon such texts... half paper.

Lessing, Goethe, and Schiller ... .. 1 paper.

As in Honours School of German Language and Literature for Honours B.A. degree.

Translation from English into German, and the writing of an Essay or Essays in German on subjects relating to German Literature. History, or Institutions .. .. 1 paper.

Outline of the History of German Language and Literature ... .. 1 paper.

Oral.

As for M.A. Examination in German.

*Chinese :—*

To be settled later on application.

**Regulations Russian :—**

1. Translation from English and into English, with grammatical questions.
2. Composition and commercial correspondence.
3. Dictation and conversation.

**Spanish :—**

- Translation from Spanish into English and from English into Spanish... .. 1 paper.
- Essay or Essays in Spanish on subjects related to Spanish Literature, History, or Institutions half paper.
- Outlines of Spanish Literature ... .. half paper.
- A specified period or subjects of Spanish Literature, with certain specified authors or works ... .. 1 paper.
- Translation and explanations of certain specified modern or classical Spanish texts ... .. 1 paper.
- (Oral.

**Italian :—**

To be settled later on application.

8. (a) Candidates for the degree of B.A. (Com.) who seek to obtain distinction in Law are required :

- (1) To have completed the two courses in Commercial Law required for the degree of B.A. (Com.) without substituting Company Law for one of the courses.
- (2) In addition the following subjects must be taken :—
  - (i.) *Either*

Company Law ... one hour a week for one session.

*Or*

Bankruptcy and Company Law ... one hour a week for one session.
  - (ii.) The English
 

Constitution two hours a week for one session.
  - (iii.) *Either*

Elements of English Law two hours a week for one session, or one hour a week for two sessions.

*Or*

Any two of the following :—

    - (a) Elements of Contract and Tort ... one hour a week for one session.
    - (b) Jurisprudence ... one hour a week for one session.
    - (c) Conflict of Laws ... one hour a week for one session.

(b) Candidates for the degree of B.A. (Admin.) who seek to obtain distinction in Law are required to have completed the course in Elements of English Law as prescribed in the regulations for the B.A. (Admin.) degree. In addition the following subjects must be taken :—

- (i.) Commercial Law ... one hour a week for two sessions.
- (ii.) *Either*  
           The English  
                 Constitution two hours a week for one session.  
           *Or*  
           Public inter-  
                 national Law one hour a week for two sessions.
- (iii.) Jurisprudence ... one hour a week for one session.

#### DEGREES OF MASTER OF ARTS IN COMMERCE AND MASTER OF ARTS IN ADMINISTRATION.

See general note as to theses, page 399.

The degree of Master in the Faculty may be conferred on : Ordinances

1. (a) Persons who have graduated B.A. (Com.) or B.A. (Admin.) in the Faculty of Commerce and Administration of this University of not less than one year's standing from the date of their graduation as Bachelors, who have either (i.) presented subsequent to graduation a thesis, dissertation, or published work embodying the results of original investigation and research approved by the Board of the Faculty, or (ii.) presented a satisfactory thesis on an approved subject and passed a special examination as required by the Board of the Faculty, in which not less than five papers shall be set ; the thesis may be presented either in the year of examination or in a subsequent year.

(b) Persons who have graduated as Bachelors of Commerce (B.Com.) in this University and who have otherwise fulfilled the requirements of Ordinance 1 (a), provided that such persons on admission to the degree of Master of Arts in Commerce, or of Master of Arts in Administration, shall cease to be described as Bachelors of Commerce in the University.

(c) Graduates of the University in other Faculties than the Faculty of Commerce and Administration who have, subsequent to graduation, attended approved courses in the Faculty for at least six hours a week for two sessions, passed a special examination as required by the Board of the Faculty, in which not less than five papers shall be set, and presented a satisfactory thesis on an approved subject.

**Ordinances** 2. (a) Graduates (or persons who have passed the final examination for a degree) of approved Universities, who have given sufficient evidence of their qualifications, have conducted research work approved by the Board of the Faculty during a period of two years in the University, have attended such courses as the Board of the Faculty may require, and have presented a satisfactory thesis on an approved subject.

The Board of the Faculty shall decide in each case with reference to the record of the candidate whether he shall be required, in addition to the presentation of a satisfactory thesis, to pass a special examination.

(b) Persons who are not graduates (nor have passed the Final Examination for a degree) of any approved University, who have:—

- (i). Satisfied the Senate as to their general educational qualifications after a report from the Board of the Faculty as to their competence for original investigation and research ;
- (ii.) Satisfactorily attended such classes as the Board of the Faculty may require and conducted original investigation and research in a subject approved by the Board during a period of three years in the University ; and
- (iii.) Presented a thesis, dissertation, or published work, which has been accepted by the Board of the Faculty and Senate as satisfactorily embodying the results of such original investigation and research.

#### REQUIREMENTS AS TO ATTENDANCE OF CANDIDATES FOR THE DEGREE OF MASTER OF ARTS IN COMMERCE OR MASTER OF ARTS IN ADMINISTRATION.

**Regulations** 1. Candidates who have not previously graduated in the University, proceeding to the Master's degree in the Faculty of Commerce and Administration will be required :

- (a) To reside in the Manchester area.
- (b) To make substantial and regular attendance in the University during the prescribed period, provided that during one year of the prescribed period the Board of the Faculty and Senate, by special resolution, may permit attendance to be taken at some other suitable place of study.

2. All subjects of theses which are to be presented for the degree of Master must be submitted to the Board of the Faculty of Commerce and Administration for approval not later than the Michaelmas term preceding the date at which theses are to be presented.

3. Candidates intending to proceed to the degree of Master by examination and thesis must pay the required fees not later than March 1st, and must notify the Registrar by that date of the titles of their theses. These theses must be presented not later than April 30th.

4. Candidates intending to proceed to the degree of Master by thesis alone must pay the required fees not later than June 1st, and notify the Registrar by that date of the titles of their theses. These theses must be presented not later than September 15th.

Such candidates may, however, pay the required fees not later than March 1st, and notify the Registrar by that date of the titles of their theses, and present their theses on or before April 30th, with a view to obtaining the degree at Midsummer.

Forms of notice may be obtained from the Registrar.

5. In all cases graduates of other Universities or non-graduates studying for the degree of Master shall be required at the beginning of the prescribed period of study to register as University students and apply for recognition to the Board of the Faculty concerned.

For Exemption Fee, see page 351.

## HIGHER COMMERCIAL CERTIFICATE.

There shall be a Higher Commercial Certificate which shall be awarded by the Senate.

1. Candidates, before entering upon courses for the Certificate must comply with the requirements for the Entrance Examination of the University.\*

2. Candidates for the Certificate are required to have attended in the Faculty of Commerce and Administration a course of study approved by the University and extending over two years.

3. Candidates must satisfy the Examiners in Political Economy, Geography, Commercial Law, and a Modern Language† (including its commercial uses) as prescribed for the Examination for the Degree of B.A. (Com.), together with additional subjects selected from those prescribed for the examination for that degree, as follows:—

*either* (a) Two additional subjects chosen from subjects numbered 1 to 7 in Ordinance 3 (A).

\* See pages 397—398.

† See footnote to Ordinance 3 (A) (4) for the degree of B.A. (Com.).

- one " (b) One subject from those numbered 1 to 7, together with one subject from 9 Group B, or two subjects from 9 Group C.
- or (c) Two subjects from 9 Group B, or one subject from 9 Group B and two subjects from 9 Group C.

With the consent of the Board of the Faculty of Commerce and Administration other subjects may be substituted for one or more of those specified above, and a candidate offering a Science subject may offer one qualifying for the Final Examination for the Degree of Bachelor of Science instead of one qualifying for the Intermediate Examination in that Faculty.

4. The examination in all subjects shall be, so far as practicable, the same as that required for the degree of B.A. (Com.).

5. The attendance required in each subject shall be the same as for the degree of B.A. (Com.), but a student who has passed the Final Degree Examination of this or any other approved University, or who presents evidence of University study satisfactory to the Board of the Faculty, shall be excused such attendance as the Board and Senate may determine, provided that at least one year of study in the subjects for the Certificate be required.

6. Candidates may present themselves for examination in any one subject or in any selection of subjects at one examination, and subjects in which candidates have failed may be offered in any subsequent examination.

7. The successful candidates in the examination in each subject for the Certificate shall be placed in two divisions, but the names of candidates who have qualified by examination for the Certificate shall be placed in alphabetical order.

### CERTIFICATE IN PUBLIC ADMINISTRATION.

division There shall be a Certificate in Public Administration which shall be awarded by the Senate.

division 1. Candidates, before entering upon the courses for this Certificate, must comply with the requirements as to the Entrance Examination set out on pages 307-308.

2. Candidates for the Certificate are required to have attended, in the Faculty of Commerce and Administration, a course of study approved by the University and extending over two years.

3. Candidates must satisfy the Examiners in :

Regulations

Political Economy,  
Political Philosophy,  
One Modern Foreign Language,  
Central Government,  
Local Government,

together with one subject chosen from *Group B*, or two subjects from *Group C*.

*Group B.*

Public Economics and Finance.  
Economic History,  
Modern History,  
International Law,  
English Constitution,  
Elements of English Law.

*Group C.*

Statistics I.,  
Statistics II.,  
Social Economics,  
Industrial Psychology I.,  
Industrial Psychology II.,  
Accounting,  
Regional Geography.

Such other subjects as the Board of the Faculty may at any time approve under *Groups B* and *C*.

4. The examination in all subjects shall be, so far as practicable, the same as that required for the degree of B.A. (Admin.).

5. The attendance required in each subject shall be the same as for the degree of B.A. (Admin.), but a student who has passed the Final Degree Examination of this or any other approved University, or who presents evidence of University study satisfactory to the Board of the Faculty, shall be excused such attendance as the Board and Senate may determine, provided that at least one year of study in the subjects for the Certificate be required.

6. Candidates may present themselves for examination in any one subject or in any selection of subjects at one examination, and subjects in which candidates have failed may be offered in a subsequent examination.

7. The successful candidates in the examination in each subject for the Certificate shall be placed in two divisions, but the names of candidates who have qualified by examination for the Certificate shall be placed in alphabetical order.



**DIPLOMA IN SOCIAL STUDY.**

**Article 1.** There shall be a Diploma in Social Study which shall be awarded by the Senate.

2. The Diploma shall be awarded to candidates who

- (a) Have graduated in this or in another approved University, or have been awarded the Certificate in Public Administration of this University, or hold a qualification of an approved University accepted by the Board of the Faculty and Senate as equivalent for this purpose to the Certificate; and
- b) Have attended the prescribed courses during two sessions, or, in the case of approved candidates as defined by regulation, during one session; and
- (c) Have satisfied the Examiners in the examinations prescribed and have produced satisfactory evidence of their practical competence in social work.

**Article 2.** 1. The period of attendance on courses for the Diploma in Social Study shall extend over two sessions, but, for holders of the Certificate in Public Administration of this University, and for graduates of this and other approved Universities who produce evidence of satisfactory attendance at courses in Political Economy, Public Administration, and Modern Industrial History, the period may, by permission of the Board of the Faculty and Senate, be reduced to one session.

2. Candidates for the Diploma who cannot produce the evidence required by Regulation 1 shall be required to attend approved courses and satisfy the Examiners in the subjects mentioned in that regulation.

3. All candidates for the Diploma :

- (a) Must attend classes and satisfy the Examiners in two subjects, one selected from each of the following groups, provided that candidates who hold the Certificate in Public Administration shall not be allowed to select subjects which they have taken in their Certificate course :—

*Group B.*

Public Economics and Finance.  
Ethics.  
General Psychology.  
Political Philosophy.  
Elements of English Law.

*Group C.*

Regulations

Social Economics.  
Statistics I.  
Statistics II.  
Industrial Psychology I.  
Industrial Psychology II.  
Regional Geography.

*Or* in such other subjects as the Board of the Faculty may approve as equivalent to those specified in Groups *B* and *C*; and

- (ii.) Must present a supplementary thesis on a subject to be approved by the Board of the Faculty in connection with which candidates may be required to attend additional courses; and
- (iii.) Must satisfy the Board of the Faculty of their competence in practical work, which shall include (a) the observation of social agencies and attendance at courses organised in connection therewith; and (b) a period of continuous practical work on the staff of some approved organisation.

4. The subject for the supplementary thesis must be submitted to the Board of the Faculty for approval not later than the Michaelmas term preceding the examination for the Diploma.

5. The supplementary thesis may be presented in the year of examination or in a subsequent year. Candidates intending to present their theses for examination in June must give notice of their intention to the Registrar not later than March 1st, and present their theses not later than April 30th; those intending to present for examination in September must give notice not later than June 1st, and present their theses not later than September 15th.

6. The period of continuous practical work required under 3 (iii.) (b) may, with the permission of the Board of the Faculty, be postponed until after the examination for the Diploma.

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For Syllabus of Classes, see the Prospectus of the Faculty of Commerce and Administration.

## The Faculty of Theology.

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### DEGREES AND CERTIFICATES.

*\*.\* Students or intending students who are in doubt as to the courses of lectures for which they should register, are invited to communicate with the Dean of the Faculty of Theology, the University, Manchester.*

**finances** 1. The degrees in the Faculty of Theology are: Bachelor of Divinity (B.D.), and Doctor of Divinity (D.D.).

2. Candidates for the degree of B.D. must *either*

(a) Be graduates of the University or of some other University of the United Kingdom or have passed the Final Examination for a degree of an approved University; *or*

(b) Have completed the Intermediate courses in the Faculty of Arts specified under Ordinance 10 (a), (b), (c), (d), and (e) (see pages 402—403), provided that under (c) Classical Greek is taken.

3. Candidates under clause (a) of the preceding paragraph may proceed to the B.D. degree after two years of study. The course of study for candidates under clause (b) will extend over at least three years after the Intermediate courses in Arts have been completed.

The Board of Faculty in special cases shall have power to allow candidates to commence their course before graduation, but such candidates shall not be admitted to any part of their Final Examination, except the examination on the English Text and general contents of the Bible, till they have graduated.

4. The examinations for the degree of B.D. are the Preliminary and Final B.D. Examinations.

5. Graduates of other Faculties of the University, or of other Universities of the United Kingdom, are excused the Preliminary Examination in Theology.

6. *The subjects of the Preliminary Examination are:*

- (1) Hellenistic Greek (Biblical Texts, etc.).
- (2) Elementary Hebrew.
- (3) A Philosophical Subject or a Science.

(4) One of the following:—

- (a) More Advanced Hebrew; (b) Classical Greek; (c) Hellenistic Greek (non-Biblical texts, and Composition); (d) Latin; (e) German; (f) History; (g) A Science.

ordinance

7. The subjects for the Final Examination shall be divided into three groups. Candidates must select *one* of the three groups and take all the subjects in the group selected, and, in addition, certain subjects selected from the other groups in accordance with the following scheme:

**Group I. (*Philosophy and Doctrine.*)**

- (1) History of Doctrine (General).
- (2) History of Doctrine (Special).
- (3) Philosophy of Religion.
- (4) Psychology of Religion.
- (5) Christian Ethics.

**Group II. (*Comparative Religion, and Ecclesiastical History.*)**

- (1) Comparative Religion, I.
- (2) Comparative Religion, II.
- (3) Ecclesiastical History (Special Subject, with prescribed texts) [Two papers].
- (4) Ecclesiastical History (Special Subject, with prescribed texts) [Two papers].

**Group III. (*Old and New Testaments.*)**

- (1) Old Testament Texts (A) (Hebrew, Greek, and English).
- (2) Old Testament Texts (B) (Hebrew, Greek, and English).
- (3) New Testament Texts (A) (Greek).
- (4) New Testament Texts (B) (Greek).
- (5) Biblical History, Theology, and Introduction:—Old Testament.
- (6) Biblical History, Theology, and Introduction:—New Testament.

A Candidate who chooses Group III. as his main group may substitute *one* only of the following:—

- (a) Prescribed Texts in Syriac, Hebrew, and Greek, for Old Testament Texts (A) or Old Testament Texts (B);
- or (b) Prescribed Texts in Cuneiform and Hebrew for Old Testament Texts (A) or Old Testament Texts (B);
- or (c) Prescribed New Testament Texts in Greek and the Syriac Versions for New Testament Texts (A) or New Testament Texts (B), *provided always* that a candidate may not offer the same Greek New Testament Text in two examinations.

inances Candidates selecting Group I. are required to take  
*three* subjects from Group II.

[By permission of the Board of the Faculty, a candidate may substitute for *one (or both)* of the Ecclesiastical History Special Subjects *one (or both)* of Ecclesiastical History II. (i.) (to the end of the tenth century) *or* II. (ii.) (from the end of the tenth century), of the Arts course: provided that he has not already taken that subject in Arts.]

*and*

*four* subjects from Group III.,

*three* of which shall be III. (5) Biblical History, Theology, and Introduction:—Old Testament, III. (6) Biblical History, Theology, and Introduction:—New Testament, *and either* III. (3) New Testament Texts (A) (Greek), *or* III. (4) New Testament Texts (B) (Greek).

Candidates selecting Group II. are required to take

*three* subjects from Group I.,

*one* of which shall be I. (1) History of Doctrine (General),  
*and*

*four* subjects from Group III.,

*three* of which shall be III. (5) Biblical History, Theology, and Introduction:—Old Testament, III. (6) Biblical History, Theology, and Introduction:—New Testament, *and either* III. (3) New Testament Texts (A) (Greek), *or* III. (4) New Testament Texts (B) (Greek).

Candidates selecting Group III. are required to take

*three* subjects from Group I.,

*one* of which shall be I. (1) History of Doctrine (General),  
*and*

*three* subjects from Group II.

[By permission of the Board of the Faculty, a candidate may substitute for *one (or both)* of the Ecclesiastical History Special Subjects *one (or both)* of Ecclesiastical History II. (i.) (to the end of the tenth century) *or* II. (ii.) (from the end of the tenth century), of the Arts course: provided that he has not already taken that subject in Arts.]

Candidates who do not offer III. (1) Old Testament Texts (A) (Hebrew, Greek, and English), *or* III. (2) Old Testament Texts (B) (Hebrew, Greek, and English), shall be required to give evidence of having done Hebrew up to the standard of General B.A., and to take a special additional examination on portions of the Old Testament specially studied in English.

All candidates for the degree of B.D. must take a three hours essay paper on some subject falling within the candidate's selected group. The essay may not be taken earlier than the year in which the candidate offers the last subject in his selected group. Ordinances

All candidates must also take an examination on the English Text and general contents of the Old and New Testaments studied in the Revised Version.

1. The subjects of the Preliminary Examination must be presented at the same time. Regulations

2. In the Final Examination, candidates must offer not less than *three* subjects at any one examination, unless the candidate shall require a lesser number to complete the full number of courses for the degree.

Candidates may be returned as satisfying the Examiners in a number of subjects less than three, provided that they have attained a certain minimum standard in all the subjects presented by them at that examination.

Candidates will not be allowed to pass in any subject of the Final Examination until they have passed the Preliminary Examination or its equivalent; but this restriction shall not apply to the examination on the English Text and general contents of the Bible, which may be taken at any stage in the course.

3. Successful candidates will not be arranged in classes, but a special mark of distinction in any Group may be given to a candidate.

4. Candidates presenting themselves for the Preliminary or Final Examination for the first time will be required to furnish satisfactory certificates of attendance upon the course of instruction for such examination approved by the University, except that attendance on lectures in the English Text and general contents of the Bible will not be required.

To qualify for the Final Examination candidates will be required to attend lectures on the subjects of their course in accordance with the following scheme:—

<i>Subject.</i>	<i>Lectures required.</i>
History of Doctrine (General) ... ..	2 hrs. per week for 1 year.
History of Doctrine (Special) ... ..	1    „    „    „    1    „

Relations	Subject.	Lectures required.			
	Philosophy of Religion ... ..	2	hrs. per week for 1 year.		
	Psychology of Religion ... ..	1	" " " "	1	"
	Christian Ethics... ..	2	" " " "	1	"
	Comparative Religion I. ... ..	1	" " " "	1	"
	Comparative Religion II.... ..	1	" " " "	1	"
	Ecclesiastical History (Special Subject)... ..	3	" " " "	1	"
	Ecclesiastical History (Special Subject)... ..	3	" " " "	1	"
	Old Testament Texts (A) (Hebrew, Greek, and English) ... ..	1	" " " "	1	"
	Old Testament Texts (B) (Hebrew, Greek, and English) ... ..	1	" " " "	1	"
	New Testament Texts (A) (Greek)... ..	1	" " " "	1	"
	New Testament Texts (B) (Greek)... ..	1	" " " "	1	"
	Biblical History, Theology, and Introduction :—Old Testament	1	" " " "	2	years.
	Biblical History, Theology, and Introduction :—New Testament	1	" " " "	2	"
	*Prescribed Texts in Syriac, Hebrew, and Greek ... ..	1	" " " "	1	year.
	*Prescribed Texts in Cuneiform and Hebrew ... ..	1	" " " "	1	"
	*Prescribed New Testament Texts in Greek and the Syriac Versions... ..	1	" " " "	1	"

The Board of Faculty may grant exemption under special circumstances from part of the attendance required for any subject except Comparative Religion, provided that candidates must attend in the University courses which shall be equivalent to four hours a week for two sessions.

## COURSES OF INSTRUCTION AND EXAMINATION, INCLUDING SPECIAL BOOKS FOR 1933—1934.

### PRELIMINARY EXAMINATION.

\* \* The words and Roman numerals enclosed in square brackets indicate the courses of lectures *within the University* which will satisfy the regulations as to attendance. The numbers appended to each class correspond to those given in the Syllabus of Classes in the Faculty of Arts.

#### I. *Hellenistic Greek*. [*Hellenistic Greek II.*]

(a) Prescribed Books in *Hellenistic Greek*.

(b) Translation at sight from the Greek Testament.

(c) Grammar.

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\* Alternative subjects under Ordinance 7, Group III.

II. *Elementary Hebrew*. \* [Hebrew I.]

- (a) Prescribed text, *The Book of Ruth*.
- (b) Translation of Hebrew sentences into English.
- (c) Translation of easy English sentences into Hebrew.
- (d) Elements of Hebrew Grammar.

III. *Either*

- (a) *A Philosophical Subject*. [Philosophy II. (i.) or Philosophy III. (i).]

Psychology and General Philosophy will be studied in connection with Plato, *Republic*; Russell, *Problems of Philosophy*. [Philosophy II. (i).]

Ethics will be studied in connection with *Socratic Discourses by Plato and Xenophon*; Butler, *Sermons*; Kant, *Fundamental Principles*; Moore, *Principia Ethica*; Carritt, *Theory of Morals*. [Philosophy III. (i).]

Or

- (b) One of the Natural Sciences (of an Intermediate or higher standard). (See *Prospectus of the Faculty of Science*.)

## IV. One of the following :

- (a) *More advanced Hebrew*. Special books; Genesis xxiv.—xxx. and *Amos*, to be studied with reference to textual criticism. [Hebrew II.]
- (b) *Classical Greek*. [Greek II. (i.) and (ii).] Thucydides iv., ch. 1—101; Euripides, *Troades*.
- (c) *Hellenistic Greek*. A course to be arranged.
- (d) *Latin*. [Latin II.] Horace, *Epistles* i. (omitting 15, 17, 18); Tacitus, *Historiae* i., cc. 1—56.
- (e) *German*. [German II. (i.) and (ii).] Interpretation; Composition; Elements of Historical Grammar; History of Literature.
- (f) *History*. Any one of the following courses :
  - (i.) Oriental and Greek History [Ancient History II. (i.) and II. (ii.)];
  - (ii.) Greek and Roman History [Ancient History II. (ii.) and II. (iii.)];

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\* Candidates who have already passed the Intermediate B.A. in Hebrew will be excused this subject.



- (iii.) Modern English History [Modern History II.(ii.)];
  - (iv.) General Modern History [Modern History II.(i.)];
  - (v.) Economic History [Economic History II.];
  - (vi.) Ecclesiastical History, *either* II. (i.) *or* II. (ii.).
- (iii.), (iv.), (v.), and (vi.) are three-hour courses.

(g) *A Science.*

One of the Natural Sciences (of an Intermediate or higher standard). (See *Prospectus of the Faculty of Science.*)

### FINAL EXAMINATION.

**A. English Bible.**

The English Text and general contents of the Old and New Testaments, studied in the Revised Version.

**B. Group I.**

(1) *History of Doctrine (General).*

Two of the following periods :

- (a) The first six centuries.
- (b) The Middle Ages and the Reformation.
- (c) The Modern Period from the seventeenth century.

NOTE.—Candidates should not confine their study of the first period to Christological controversies.

(2) *History of Doctrine (Special).*

*Either* (a) The Doctrine of the Person of Christ.

*Prescribed Texts* : H. R. Mackintosh, *The Doctrine of the Person of Jesus Christ* (Books II. and III.) ; Athanasius, *De Incarnatione* (Contents and argument of the whole book in English) ; the three creeds (in English) ; the Greek texts of Athanasius, *De Incarnatione* (Chapters 1—32) and the Nicene-Constantinopolitan Creed.

*Or* (b) The Doctrine of the Work of Christ.

*Prescribed Texts* : H. Rashdall, *The Idea of Atonement in Christian Theology*, page 189 to the end ; R. Mackintosh, *Historic Theories of Atonement*, Ch. V. to XVII. ; The Latin text of Anselm, *Cur Deus Homo*.

(3) *Philosophy of Religion.*

Grounds of Religious Belief. The Idea of God. Theistic Arguments. Theistic Problems. Theodicy, Freedom, Immortality. Relations of Religion and Morality.

*Books recommended* : Galloway, *The Philosophy of Religion*, Parts II. and III. ; E. Caird, *The Evolution of Religion*.

The following will also be found useful: Caidwell, *The Philosophy of Religion*; Pringle-Pattison, *The Idea of God and Studies in the Philosophy of Religion*; Höffding, *Philosophy of Religion*; Sorley, *Moral Values and the Idea of God*; Matthews, *Studies in Christian Philosophy*; Tennant, *Philosophical Theology*.

(4) *Psychology of Religion.*

The Analysis of the religious consciousness. Its rational, affective, and conative elements. The psychology of personal and religious ideals. Instinct and the Unconscious in relation to religious experience. Conversion. Faith. Penitence. Prayer. Mysticism. Corporate Religious Experience.

*Books recommended*: James, *Varieties of Religious Experience*; Pratt, *The Religious Consciousness*; Thouless, *An Introduction to the Psychology of Religion*.

(5) *Christian Ethics.*

The Ethical Ideals of the New Testament studied in relation to Hebrew, Jewish, and Hellenic Ideals. The history of the attitude of Christianity to Property, Punishment, War, The Family, The Monastic Ideal, The State. A comparison of Christian Ethics with the ethics of the great ethnic faiths. Christian Ethics in the light of modern ethical systems.

## C. Group II.

(1) *Comparative Religion I.* The lectures deal with the chief forms of primitive religion and their later developments, and in the latter part of the course with the great living religions.

(2) *Comparative Religions II.* A special selected religion or group (details to be fixed with the Lecturer in the subject).

(3) and (4) *Ecclesiastical History Special Subjects* (with prescribed texts; two of the following:—

- (i.) Christianity in the Roman Empire to 325 A.D.
- (ii.) The development of Monastic Institutions in the West to the Sixteenth Century.
- (iii.) The origins and early history of English Dissent, to 1689.
- (iv.) The Religious and Ecclesiastical Movements of the early Nineteenth Century.

Courses (iii.) and (iv.) will be given in 1933-34.

Courses (i.) and (ii.) will be given in 1934-35.

*Prescribed Texts for the Ecclesiastical History Special Subjects.*

(i.) Christianity in the Roman Empire to 325 A.D.

(a) *In Greek.*

*Martyrdom of Polycarp.*  
Eusebius, *Hist. Eccl.* ix.—x.  
*Acta Martyrum Scillitanorum.*  
Dio Chrysostom, *Or.* 32 and 38.  
Aelius Aristides, *Or.* 14.  
Lucian, *Peregrinus Proteus.*

(b) *In English.*

Pliny, *Epp.* x.  
Philostratus, *Vit. Apollonii* (Selected passages).  
Cyprian (Selected letters).  
Eusebius, *Hist. Eccl.* (Selected passages).

(c) Selected documents and inscriptions.

(ii.) The development of Monastic Institutions in the West to the Sixteenth Century.

(a) *In Latin.*

*S. Benedicti Regula Monasteriorum* (ed. C. Butler, Herder, 2. edn. 1927).  
*Cistercian "Carta Caritatis"* (Migne, *Patr. Latina*).  
Selections from *Documents of The General Chapters of the English Benedictines 1215—1540*.  
Selections from *Gesta Abbatum of St. Albans* (Rolls Series).

(b) *In English.*

Chronicle of Jocelin of Brakelond.  
Selections from Bishop Alnwick's *Visitations of Religious Houses of the Lincoln Diocese* (ed. Hamilton Thompson).  
Eccleston, *De adventu fratrum minorum in Angliam* (in translation).

(iii.) The origins and early history of English Dissent to 1689.

Selections from Luther and Calvin as in Kidd's *Documents of the Continental Reformation*, Nos. 11, 36, 273.  
Wyclif: *The Chirche and hir Membris*.  
R. Browne: *A Booke which sheweth the Life and manners of all true Christians*.  
The Savoy Declaration of 1658 ("Of the Institution of Churches").

Selections from the following works :—

Gee and Hardy : *Documents illustrative of English Church History.*

W. A. Curtis : *History of Creeds and Confessions of Faith.*

*The Journal of George Fox.*

(iv.) The Religious and Ecclesiastical Movements of the early Nineteenth Century.

(a) *In Latin and French.*

Selections from Wickham Legg, *Selected Documents of the French Revolution*, and C. Mirbt, *Quellen zur Geschichte des Papsttums.*

(b) *In English :*

Priestley, *Autobiography.*

Coleridge, *Lay Sermons.*

Sidney Smith, *Letters of Peter Pymley.*

J. H. Newman, *Apologia pro vita sua.*

Selected passages from the following :

*The Extraordinary Black Book of Abuses in Church, State, etc.*

*Life of Wilberforce*, by his sons.

*Letters and Correspondence of J. H. Newman*,  
Ed. Anne Mozley.

J. Mozley, *Recollections, chiefly of Oriel College and the Oxford Movement.*

R. H. Froude, *Remains.*

*Tracts for the Times.*

Stanley, *Life of Arnold.*

Selections from Charles Butler, *Memories.*

#### D. Group III.

\*(1) *Old Testament Texts (A).* In *Hebrew* :—Judges iv.—viii. ; I. Kings xvii.—xxii. ; Joel ; In *Greek* :—I. Kings xvii.—xix. ; In *English* :—Job (omitting chapters xxxii.—xxxvii.) and Isaiah xl.—lv. (O.T. IV. and VI.)

\*(2) *Old Testament Texts (B).* In *Hebrew* :—Judges ix.—xvi., Amos ; In *Greek* :—Amos i.—v. ; In *English* :—Genesis i.—xi., Ecclesiastes, Zechariah. (O.T. IV. and VI.)

Special paper on English Texts for students offering no Hebrew :—Genesis, Judges, Job (omitting chapters xxxii.—xxxvii.), Isaiah, Amos, and the Book of Wisdom (O.T. VI.)

\* In the Hebrew papers, a passage or passages will be set in unpointed Hebrew.

- (3) *New Testament Texts (A)*. The Gospel of John, the Acts of the Apostles i.—xvi., and the Epistle to the Galatians, to be studied with special reference to Introduction, Exegesis, and History. (N.T. II. and III.)
- (4) *New Testament Texts (B)*. The Gospel of Luke, the Epistle to the Ephesians, and the First Epistle of Peter, to be studied with special reference to Introduction, Exegesis, and History. (N.T. II., and III.)
- (5) *Biblical History, Theology, and Introduction (Old Testament)*.

*\*(a) Textual Criticism and History of the Canon of the Old Testament.*

- (i.) *Textual Criticism*. The subjects treated in Burkitt's article "Text and Versions" in the *Encyclopædia Biblica*. (Reference may be made to Kenyon, *Our Bible and the Ancient Manuscripts*; Weir, *A short History of the Hebrew Text*; Driver, *Notes on the Hebrew Text of Samuel* (Introduction); Buhl, *Canon and Text of the Old Testament*; Geden, *Outlines of Introduction to the Hebrew Bible*; Relevant articles in Hastings' *Dictionary of the Bible*.)

- (ii.) *Canon*. The subjects treated in Ryle, *Canon of the Old Testament*. (Reference may be made to Wildeboer and Buhl.)

- (b) (i.) *Introduction*. The subjects treated in Sellin, *Introduction to the Old Testament*. (Reference may be made to Driver, *Introduction to the Literature of the Old Testament* (8th or 9th ed.); Gray, *Critical Introduction to the Old Testament*; W. Robertson Smith, *The Old Testament in the Jewish Church*; *The People and the Book*, ed. Peake.)

- (ii.) *History*. The subjects treated in Ottley, *A Short History of the Hebrews*, or Foakes-Jackson, *The Biblical History of the Hebrews*.

- (iii.) *Theology*. The subjects treated in Kautzsch, *The Religion of Israel* (Hastings' *Dictionary of the Bible*, vol. V.), and Wheeler Robinson, *The Religious Ideas of the Old Testament*. (O.T., V., two years.)

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\* At least one question on this section must be attempted in the Examination.

(6) *Biblical History, Theology, and Introduction (New Testament).*\*(a) *Textual Criticism and History of the Canon of the New Testament.*

(i.) *Textual Criticism.* The subjects treated in Kenyon, *Handbook to the Textual Criticism of the New Testament*; Lake, *Text of the New Testament*. (Reference may be made to Souter, *The Text and Canon of the New Testament*, and to the relevant articles in dictionaries and encyclopædias.)

(ii.) *Canon.* The subjects treated in Westcott, *The History of the Canon*; Harnack, *The Origin of the New Testament*; Jülicher, *An Introduction to the New Testament, Part II.*; Souter, *The Text and Canon of the New Testament*.

(b) (i.) *Introduction.* The subjects treated in Peake, *Critical Introduction to the New Testament*; Moffatt, *Introduction to the Literature of the New Testament*. (Reference may be made to the Introductions by Zahn and Jülicher, and to relevant articles in dictionaries and encyclopædias.)

(ii.) *History.* The subjects treated in Wade, *New Testament History*, pages 341—596; McGiffert, *History of Christianity in the Apostolic Age*. (Reference may be made to relevant articles in encyclopædias and dictionaries.)

(iii.) *Theology.* The subjects treated in Stevens, *The Theology of the New Testament*; Moffatt, *The Theology of the Gospels*; and H. A. A. Kennedy, *The Theology of the Epistles*. (N.T., I., two years.)

## (7) Alternative courses to (1), (2), or (4) above:—

(a) *Prescribed Texts in Syriac, Hebrew, and Greek:—*  
Psalms 1—34.

(b) *Prescribed Texts in Cuneiform and Hebrew:—*  
*The Code of Hammurabi in cuneiform.*

§§1—25; 57, 58; 60—65; 113—132; 137—147;  
153—158; 165—171; 194—214; 228—233;  
241—252; 261—267; 278—282.

*Hebrew Texts :—*

Genesis : xvi.

Exodus : xxi.—xxiii.

Levit : xviii.—xx.

Deut : xix., xxi., xxiv.

Num : v.

*(c) Prescribed New Testament Texts in Greek and the Syriac Versions :—*

The Gospel of Mark.

## DEGREE OF DOCTOR OF DIVINITY.

See general note as to theses, below.

**inances** 1. The degree of D.D. may be conferred by the University on persons who shall be deemed by the Senate, after considering a report from the Faculty, to have distinguished themselves by special research or learning.

2. The degree of D.D. may be conferred upon the following persons :

(a) Registered Bachelors in Divinity of the University of at least four years' standing.

(b) Bachelors in Divinity of approved Universities who have pursued a course of study or research in this University for at least two years.

These shall not be admitted to the degree of D.D. until six years have elapsed from the date of their first degree in the approved Universities.

**lations** 1. Honorary Research Fellows who intend to proceed under (b) to the degree of Doctor of Divinity will be required to pay such registration fee as may be prescribed by the Council.

2. Applications for the degree of D.D. shall be made in writing to the Registrar,\* and shall include a statement of the contributions to learning, published or accepted for publication, on which the applicant's claim to the degree is based, together with one or more copies of any memoir, whether in type or MS., which the applicant may desire to submit in support of the application.

Candidates for the degree of D.D. who are not graduates of this University pay an exemption fee of £8. 8s. at the commencement of their course.

**NOTE.**—No degree shall be granted on a thesis or published work which has already been submitted in support of an application for a degree in any other University.

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\* The applications of candidates should be sent to the Registrar not later than January 31st of the year in which they wish to proceed to the degree.

# CERTIFICATE IN BIBLICAL KNOWLEDGE.

1. The examination is held in the Summer term, at a date to be announced.

2. Candidates must send in their names to the Registrar of the University on or before the fifteenth day of March preceding the examination. They must before that day have attained the age of 18 years and must produce satisfactory certificates of good conduct.

3. In the event of a guarantee of at least six candidates, a local centre for the examination may be established on condition that a suitable room and satisfactory invigilation be provided without charge to the University.

4. The candidates will be examined in :

(1) Old Testament :—

(a) Contents.

(b) Introduction :—*Peake's Commentary* : pp. 44—49, 63—114, 121—132, and the introductions to the separate books of O.T.

(2) New Testament :—

(a) Contents.

(b) Introduction :—V. Taylor, *The Gospels* ; H. N. Bate, *A Guide to the Epistles of St. Paul* ; *Peake's Commentary* : pp. 602—606, 766—775, and the introductions to Acts, Hebrews, Catholic Epistles, Revelation.

(3) One at least of the following :—

(a) Portion of the Old Testament in English specially studied :—Genesis xiii.—xxviii., II. Kings xiv.—xxv., Amos, Jeremiah i.—vi. (*Peake's Commentary*.)

(b) Portion of the New Testament in English, specially studied :—Acts i.—xv. (Blunt, *Acts*, Clarendon Bible), I. Corinthians (*Peake's Commentary*.)

(c) Greek New Testament (translation, introduction, and simple exegesis) :—Gospel of Luke ix.—xxiv.

(d) Hebrew Old Testament (translation, introduction, and simple exegesis) :—Ruth.

One three-hours' paper will be set upon each subject.

Candidates must pass in all the three papers required for the Certificate at one time.

The fee for examination is £1. 1s.



## CERTIFICATE IN THEOLOGY.

**regulations** Before entering upon the course of study leading to a Certificate, candidates are required to have passed the Entrance Examination or an examination accepted as of equivalent standard for the purposes of exemption, see pages 397 and 398. This regulation, however, will not be held to apply to members of recognised Theological Colleges.

### CERTIFICATE COURSE.

The Certificate in Theology carries no title to a degree, but will furnish evidence of sound training in the subjects taken by the candidate.

1. To obtain the Certificate the candidate must satisfy the Examiners in the following subjects :

#### *Preliminary.*

The course for the Certificate in Biblical Knowledge, see page 647.

#### *Final.*

- (4) 3 (a) or 3 (d) in the Preliminary Course, if not taken previously.
- (5) 3 (c) in the Preliminary Course, if not taken previously.
- (6) History of Biblical Religion.
- (7) Comparative Religion.
- (8) Outlines of Church History.
- (9) History of Doctrine.
- (10) *One* (at least) of Philosophy of Religion, or Christian Ethics, or Psychology of Religion.

One three-hours' paper will be set upon each subject.

2. Successful candidates will not be arranged in classes, but a special mark of distinction may be given in any of the subjects (6 to 10) inclusive of the Certificate course.

3. Attendance at lectures for at least one hour weekly for one year will be required in subjects (6) to (10), at least two of these courses being taken at the University. Not more than *two* of these subjects may be taken at the same time as the subjects of the Preliminary Course, but candidates shall be required to pass the *Preliminary* part of the examination before they can be credited with "Passes" in any subjects which fall within the *Final* part.

*Course of Instruction and Examination, including Special Books for 1933-34.*

(1)–(5) See Certificate in Biblical Knowledge.

(6) *History of Biblical Religion.*

- (7) *Comparative Religion*: General Outlines. (Comparative Religion I. in B.D. syllabus.)
- (8) *Church History*: Outlines of British Church History. (Eccles. Hist. IV.)
- (9) *History of Doctrine*: General Outlines.  
 or The Doctrine of the Person of Christ (as set in the B.D. syllabus, but without the Greek Texts).  
 or The Doctrine of the Work of Christ (as set in the B.D. syllabus, but without the Latin Text).
- (10) (a) *Philosophy of Religion*: One half of the course as defined in the B.D. syllabus, to be arranged in consultation with the lecturer. Books recommended: Galloway, *The Philosophy of Religion*, Parts II. and III.; E. Caird, *The Evolution of Religion*.  
 (b) *Psychology of Religion*: As defined in the B.D. syllabus.  
 (c) *Christian Ethics*: One half of the course as defined in the B.D. syllabus, to be arranged in consultation with the lecturer.

Candidates must register at the University at the beginning of each academical session, and must send to the Registrar, not later than March 15th in each year, a list of the subjects in which they desire to be examined in that year. (For sessional class fees, see *Prospectus of the Faculty of Theology*.)

The fee for examination is £2. 2s.

### Colleges Recognised for External Lectures in the Faculty of Theology.

The Manchester Baptist College, Rusholme  
 Egerton Hall, Victoria Park.  
 The Hartley Methodist College, Alexandra Park.  
 The Lancashire Independent College, Whalley Range.  
 The Moravian College, Fairfield  
 The Unitarian College, Victoria Park.  
 The Methodist College, Victoria Park.  
 The Methodist College, Didsbury

NOTE.—For general information as to Registration, Examination dates, Fees, Attendance regulations, Academic Costume, Halls of Residence, etc., see page 331 *et seq.*

For Scholarships, Prizes, &c., having special reference to subjects studied in the Faculty of Theology, see *Prospectus of the Faculty of Theology* and the reference there given.

# The Faculty of Technology.

## GENERAL INFORMATION.

### Degrees and Certificates.

Students who, having passed the Higher School Certificate Examination or given evidence satisfactory to the Senate of having reached the required standard for admission, satisfactorily complete a three years' Higher Course and pass the required examinations in accordance with the Ordinances and Regulations become entitled to the degree of Bachelor of Technical Science (B.Sc.Tech.), with the opportunity of graduating with first, second, or third class honours, or with a pass in a Higher Course.

Students who, having passed the Matriculation Examination or its equivalent, satisfactorily complete a three years' Ordinary Course and pass the required examinations in accordance with the Ordinances and Regulations become entitled to the degree of Bachelor of Technical Science (B.Sc.Tech.). Students who, instead of having passed the Matriculation Examination, have passed the Entrance Examination or its equivalent before entering upon their University Course become entitled, upon satisfactorily completing the course and passing the required examinations in accordance with the Ordinances and Regulations, to the Certificate of the University. The degree of Bachelor of Technical Science or the Certificate of the University carries with it the title of Associate of the College of Technology.

A fourth year's course of advanced study and research prepares Bachelors of Technical Science for the higher degree of Master of Technical Science (M.Sc.Tech.), and students who have obtained the Certificate of the University for the University Certificate of Distinction.

Graduates of this University, holders of the University Certificate in Technology, and graduates of other Universities, approved by the Senate, may obtain, on satisfactory completion of an additional post-graduate course of at least one year, the University Certificate in Industrial Administration.

### Fees.

The fees for Degree and Certificate Courses in the Faculty of Technology (other than Certificate Courses in Photographic Technology) are:—

(a) For students from the British

Isles     ...     ...     ...     ...     £38. 16s. 6d. per session.

- (b) For students from outside the  
British Isles ... .. £58. 16s. 6d. per session.

The fees for the University Certificate course in Photographic Technology are :—

- (a) £28. 16s. 6d. per session.  
(b) £43. 16s. 6d. per session.

(According to residence.)

The fees for the Post-graduate Course for the University Certificate in Industrial Administration are :—

- (a) £20 per session.  
(b) £30 per session.

(According to residence.)

The University fees for registration and for examinations, and the Union subscription, locker rent, and a breakage deposit, are payable in addition. Cheques should be made payable to the College of Technology, except those in payment of fees for University Examinations and for the conferment of degrees, which should be made payable to the order of "The Bursar, The Victoria University of Manchester," and crossed "District Bank Limited."

For fuller particulars regarding fees, see page 342 *et seq.* and the *Prospectus of the Faculty of Technology*.

## **Regulations Concerning Attendance and Conduct.**

Persons seeking admission are required :

- (a) To have attained the age of 16 years, or, in the case of women students, 17 years.
- (b) To produce a testimonial of good character and proficiency from their last instructor, or such other evidence as shall be satisfactory to the Vice-Chancellor and to the Dean of the Faculty of Technology.
- (c) To sign a declaration that they will observe the Regulations of the University and of the College of Technology.
- (d) All candidates for degrees and certificates of the University are required to sign the University Register each session not later than October 15th.

On payment of the prescribed fees the student will receive a form of admission, which should be shown to the Professor or Lecturer conducting each class.

Students are required to attend with regularity the courses for which they have entered. In cases of absence, a written notice should be sent at once to the Principal of the College of Technology, accompanied by a medical certificate in case of illness likely to be prolonged. No student who has suffered from an infectious illness, or in whose home there has been such illness, is allowed to return to the College of Technology until a medical certificate has been received by the Principal stating that there is no danger of infection being conveyed.

Students arriving late for a lecture or laboratory class will not be registered as having attended.

The Council, on the recommendation of the Senate, may exclude from the University and refuse to re-admit any students whose progress in their studies shall be deemed unsatisfactory.

*Students who have not attended regularly or who have absented themselves without the permission of the Principal from the Sessional or Terminal Examinations of any class will not be entitled to certificates of attendance at that class. (Such certificates of attendance are required to admit students to the examinations for the Degree or Certificate of the University.)*

*The attention of students is drawn to the requirements in a Foreign Language set forth in Ordinance 3, page 657.*

*The satisfactory evidence of being able to read the special subject in at least one foreign language approved by the Faculty, not only includes satisfactory attendance at the classes, but also a pass in the prescribed examinations, which will be held at the beginning of the session and at the end of the second term. (See footnote regarding Language in the Regulations for Final Courses, B.Sc.Tech., pages 662—676; Certificate in Technology, page 680.)*

Irregularity in attendance, neglect of work, disorderly conduct, or other breach of discipline may lead to suspension from classes, or in grave cases to expulsion.

FOREIGN STUDENTS.—A foreign student who does not make reasonable progress during his first term, owing to a lack of knowledge of English, will normally be required to receive tuition in English and unless satisfactory progress in the study of the language be made, the attendance of the student on his University course will not be approved.

The cost of any articles broken or damaged by any student, and of repairing any damage to property will be deducted from his breakage deposit, the balance of which will be returned one month after the close of the session. Students will also be held

liable for damage beyond the amount of the deposit and may also be held jointly responsible for damage which is not traceable to any one individual.

The Governing Body will not hold themselves responsible for the loss of, or damage to, any property belonging to a student, or for damage to a student caused by his own negligence, or by disregard of the instructions and regulations laid down for the proper management of the laboratories or workshops, or of the procedure incident to the various processes or operations conducted therein.

Text-books and all materials and appliances may be obtained at the Book-room between 9 a.m. and 9 p.m.

The railway companies supply contract tickets at half-price to students under eighteen years of age, who must present a form (obtainable from the railway company) signed by the Principal or Registrar.

### **The College of Technology Refectory.**

Lunch, tea, and other refreshments are provided daily in the Refectory between 12 noon and 6-15 p.m., except on Saturdays.

### **Exemptions.**

Students who are placed in the Honours Division at the Final Examination of the Higher Course or the First Division at the Final Examination of the Ordinary Course for the degree of B.Sc.Tech. in Mechanical or Electrical Engineering are exempted from Sections A and B of the Associate Membership Examination of the Institution of Civil Engineers.

Degree students in the Mechanical or Electrical Engineering Departments between 18 and 25 years of age are exempted from the Preliminary Examination which is required for the Studentship of the Institution of Civil Engineers, provided that they have either passed the sessional examinations at the end of the first year of the course or the Intermediate Examination. Such students are qualified to sit for the Associate Membership Examination of the Institution at the age of 21 years. Otherwise, candidates must have attained the age of 25 years.

Students who are placed in the Honours Division at the Final Examination of the Higher Course for the degree of B.Sc.Tech. in Mechanical Engineering are excused from Sections A, B, and C of the Examination for the Associate Membership of the Institution of Mechanical Engineers.

Students who have obtained the degree of B.Sc.Tech. in Mechanical, Electrical, or Municipal Engineering are exempted from Sections A and B of the examination for the Associate Membership of the Institution of Mechanical Engineers.

Students who have obtained the degree of B.Sc.Tech. in Mechanical, Electrical, or Municipal Engineering are exempted from the examination for the Associate Membership of the Institution of Electrical Engineers.

Students who have obtained the University Certificate in Mechanical or Electrical Engineering are excused Sections A and B of the examination for the Associate Membership of the Institution of Mechanical Engineers.

Students who have been placed in the First or Second Classes of the Honours Division at the Final Examination of the Higher Course for the degree of B.Sc.Tech., or the First Division at the Final Examination of the Ordinary Course for the degree of B.Sc.Tech., and who comply with the conditions set forth in the Regulations of the Institute for the Admission of Students, Associates, and Fellows, are exempted from the examination for the Associateship of the Institute of Chemistry. Both the Matriculation Examination of the Joint Board and the Entrance Examination of the College of Technology are recognised by the Institute of Chemistry as approved preliminary examinations.

Students who have obtained the degree of B.Sc.Tech. in Municipal Engineering are exempted from the examination for the Associate Membership of the Institution of Sanitary Engineers.

Students who have obtained the degree of B.Sc.Tech. in Municipal Engineering will be admitted to the Special Examination, covering both the Intermediate and Final Examinations, of the Surveyors' Institution.

Students who have obtained the degree of B.Sc.Tech. in Textile Industries are regarded as qualified in Textile Technology as required in by-law 67 (b), for the Associateship of the Textile Institute.

The Certificate in Mining and the degree of B.Sc.Tech. in Mining are accepted by the Home and Indian Governments in lieu of two of the five years' practical experience otherwise required of candidates who apply for the Mine Managers' certificate of competency.

Students who have obtained the degree of B.Sc.Tech. are exempted from the qualifying examination for membership of the Chartered Institute of Patent Agents.

## The Laboratories.

From a material point of view, the numerous large and well-equipped laboratories form one of the most marked characteristics of the College of Technology.

They comprise the—

Mechanical Engineering laboratories, including the Materials Testing, the Hydraulic, the Machine Testing, the Steam Engine, the Gas and Oil Engine, and the Mechanics laboratories; the Power Station and Boiler Room; the Engineering workshops, the Smithy, the Foundry, and the Pattern Room.

Electrical Engineering laboratories, containing the Dynamos, Motors, Rotary Converters and Transformers, the High Tension, the Standardising, the Oscillograph, the Research, and the Wireless laboratories.

Municipal Engineering laboratories, including the fully equipped Highway Materials Testing laboratory.

Chemical laboratories, including the Inorganic, Organic, Metallurgical, Physical Chemical, Fermentation, Rubber, Electro-Chemical, Dyestuff Research, the Fuel laboratories, and the Brew-house. There are also a Foodstuffs laboratory and a Bakehouse.

Textile Chemical laboratories, including Dyeing, Paper-making and the Bleaching, Dyeing and Finishing House.

Textile laboratories, including the Preparation and the Spinning Rooms, the Weaving Sheds, and the Testing laboratory.

Photographic laboratories, including the Studio, Research laboratories, and Photo-printing Room.

Printing laboratories, including Letterpress, Composing and Machine Rooms, Lithographic Drawing and Printing Rooms, and a Studio, Etching and Mounting Rooms for Photo-Mechanical work.

Physics laboratories, including the Optical laboratories, and the Godlee Observatory.

Building Laboratory, containing machines and apparatus for the testing of building materials, the Wood-cutting Machine Shop, Carpentry and Joinery, and Brickwork and Masonry workshops.

Work in the laboratories of the College of Technology is supplemented by visits paid by the various students' societies to chemical factories, engineering and other industrial establishments, and by occasional vacation excursions under the direction of members of the staff.

For full details of the facilities and equipment of the laboratories, see the *Prospectus of the Faculty of Technology*.



### The Matriculation Examination and the Entrance Examination.

For particulars as to the Matriculation Examination and the Entrance Examination for certificate students, see pages 396—398 and the *Prospectus of the Faculty of Technology*.

Candidates entering upon a course for a degree in the Faculty of Technology are required to have passed in Mathematics as a subject of the Matriculation Examination, or to give evidence satisfactory to the Senate of having attained an equivalent standard.

*(For authoritative information and for notice of any alterations as to the Matriculation Examination, see the Syllabus of the Joint Matriculation Board. The syllabus and all information relating to the Matriculation Examination may be obtained from the Secretary, Joint Matriculation Board, 315, Oxford Road, Manchester, 13.)*

### ORDINANCES AND REGULATIONS IN THE FACULTY OF TECHNOLOGY.

NOTE.—The Ordinances and Regulations for the degree of B.Sc.Tech. now provide for Higher Courses in the Faculty. These Higher Courses extend over three years from the standard marked by the present Intermediate Examination for the B.Sc.Tech. degree or by the Higher School Certificate, or its equivalent, and their standard is thus at least one year in advance of that of the Ordinary Courses. Candidates taking one of the Higher Courses have the opportunity of graduating with first, second, or third class honours.

### Degree of Bachelor of Technical Science.

Students proposing to study for the degree of Bachelor of Technical Science are required to pass the Matriculation Examination or to obtain a certificate of exemption before entrance.

The courses leading to the degree of Bachelor of Technical Science are either Higher or Ordinary Courses.

courses

1. The degrees in this Faculty are Bachelor of Technical Science (B.Sc.Tech.) and Master of Technical Science (M.Sc.Tech.).\*

2. The degree of Bachelor of Technical Science is conferred upon students of the University who have attended in the University one of the Higher or Ordinary courses of study approved by the University and have passed the examinations appointed by it for the degree. The courses of study shall extend over at least three academic years, which shall be subsequent to the Matriculation Examination, and also subsequent to the

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\* Masters of Technical Science are entitled to become candidates for the degree of Doctor of Science under the regulations of the Faculty of Science.

passing of the subject of Mathematics in the Matriculation or ~~or in an~~ an equivalent examination approved by the Senate.

3. Candidates for the degree of B.Sc.Tech. must, before proceeding to the degree, present satisfactory evidence of being able to read their special subject in at least one foreign language approved by the Board of the Faculty.

(A) HIGHER COURSES.

4. Candidates for admission to the Higher Courses (A) are required (in addition to having passed or obtained exemption from the Matriculation Examination of the Joint Board of the Northern Universities) *either*

(a) To have passed in at least *three* of the following subjects from Group III. of the Higher School Certificate Examination of the Joint Matriculation Board :—

(i.) Pure Mathematics, or Pure and Applied Mathematics.

(ii.) Applied Mathematics,

(iii.) Physics,

(iv.) Chemistry ;

(b) To have passed the Intermediate Examination for the Degree of B.Sc. or B.Sc.Tech. after one year's work in the University and to be recommended by the Board of the Faculty of Technology for admission to a Higher Course ;

(c) To have passed the Higher Certificate Examination of an approved Authority, other than the Joint Matriculation Board, or the Intermediate or the First Examination in Science or Applied Science or Technology of an approved University, or to satisfy the Senate as to their general educational qualifications, and to give evidence satisfactory to the Board of the Faculty of having attained an adequate standard of knowledge for admission to a Higher Course.

5. The Final Examination (A) is held once a year.

6. Candidates presenting themselves for the Final Examination (A) will be required to have attended in the University a Higher Course approved by the University extending over at least three academic years in one of the following sections of Technology :—

I. Mechanical Engineering.

II. Electrical Engineering.

III. Municipal Engineering.

IV. Applied Chemistry.

V. Textile Chemistry.

VI. Textile Industries.

VII. Building.

rules

Except that candidates who have passed the Final Examination for the degree of Bachelor of Technical Science in an Ordinary Course and have been placed in the First Division, may, not later than two years after passing that examination, with the permission of the Board of the Faculty, present themselves for Part II. of the Final Examination in the corresponding Higher Course, provided that during the interval they have satisfactorily attended the final year of the appropriate Higher Course.

7. The names of candidates who have passed the Final Examination (A) are published in two divisions, and the first division shall be called the Honours division and be sub-divided into three classes.

8. No candidate for the degree of B.Sc.Tech. with Honours shall be admitted more than once to the Final Examination (A), except that candidates who have passed the Final Examination (A) in one section of Technology may present themselves for examination in a second section one or two years after passing the Final Examination and upon the satisfactory completion of approved Higher Courses during the period in question.

No candidate shall be admitted to the Final Examination (A) in any section of Technology after a longer period than five years has elapsed since the date of his first entrance upon one of the Higher Courses.

Candidates who fail in the Final Examination (A) may, if they have, in the opinion of the Examiners, acquitted themselves sufficiently well in such examination, and if the record of their work during their course of study has been satisfactory, be recommended by the Board of the Faculty for the Ordinary Degree of B.Sc.Tech. in the first or second division.

9. Any candidate who at the end of the first or second year of a Higher Course has, in the opinion of the Board of the Faculty, failed to make satisfactory progress, may be required to discontinue that course and to proceed with the second or third year respectively of the Ordinary Course in the same section of Technology. Such candidates may be exempted by the Senate, on the recommendation of the Board of the Faculty, from the Intermediate Examination for the Ordinary Degree of B.Sc.Tech.

#### (B) ORDINARY COURSES.

10. The examination (B) for the degree of B.Sc.Tech. is divided into two parts, called the Intermediate Examination and the Final Examination (B).

11. The Intermediate Examination is held ordinarily twice <sup>(Ordinance)</sup> in each calendar year in June and September.

12. At the second Intermediate Examination those candidates only may present themselves who have received the permission of the Board of the Faculty.

13. Candidates before entering for the Intermediate Examination are required to furnish certificates of having attended a course of study approved by the University, and extending over one academic year in each of the subjects in which they present themselves for examination, unless exempted for special reasons by the Senate.

14. The subjects of the Intermediate Examination are :—

1. Mathematics.
2. Physics.
3. Chemistry (Inorganic and Organic).

Candidates who intend to present Mining or Applied Chemistry (d) (Metallurgy and Assaying) in their Final Examination may substitute Geology for Organic Chemistry.

Candidates must pass in *either*

- (a) Three subjects at the same examination,
- or (b) Two subjects at one examination and the third subject at any subsequent examination.

Candidates who are excused one subject of the Intermediate Examination must pass in the remaining subjects at one and the same examination.

Candidates shall not be admitted to the Final Examination (B) until at least one academic year after the completion of the Intermediate Examination.

15. The names of candidates who have passed the Intermediate Examination are published in a single list, the names being arranged in alphabetical order.

16. The Final Examination (B) is held once a year.

17. Candidates presenting themselves for the Final Examination (B) are required to have passed the Intermediate Examination in the Faculty of Technology or the Intermediate Examination in the Faculty of Science, provided that candidates who present Mining in the Final Examination (B) shall have passed the Intermediate Examination in the Faculty of

Technology (see proviso, Clause 14); or the Intermediate Examination in the Faculty of Science in three of the following, one of which shall be (d) :—

- (a) Pure Mathematics.
- (b) Applied Mathematics.
- (c) Physics.
- (d) Inorganic Chemistry, with Elementary Geology.

Candidates will be required to have attended in the University an Ordinary course of study approved by the University extending over at least two academic years in one of the following sections of Technology :—

- I. Mechanical Engineering.
- II. Electrical Engineering.
- III. Municipal Engineering.
- IV. Applied Chemistry.
- V. Textile Chemistry.
- VI. Textile Industries.
- VII. Building.
- VIII. Mining.

18. The names of candidates who have passed the Final Examination (B) are published in two divisions, the names in each division being arranged in alphabetical order.

#### INTERMEDIATE COURSE.

1. The detailed syllabuses in the subjects forming part of the Intermediate Examination are as follows :

##### I. *Mathematics* :—

- (a) *Pure Mathematics* :—Algebra up to and including the Binomial Theorem with positive integral index. Plane trigonometry to the solution of triangles (inclusive). Analytical geometry of the straight line and circle.
- (b) *Calculations* :—Applications of the above processes to practical calculations involving the use of the slide rule, tables of logarithms and other mathematical functions, and squared paper.
- (c) *Mechanics* :—Composition and resolution of forces acting on a particle. Parallel forces, moments, couples. Reduction of a system of forces acting in one plane on a rigid body. Simple machines. Laws of friction. Elasticity.

Composition and resolution of velocities and accelerations. Laws of motion. Momentum. Energy. Work. Simple cases of impact. The hodograph. Motion in a circle. Simple harmonic motion. The pendulum. Principles of hydrostatics. Theory of elementary hydraulic machines.

II. *Physics* :—

- (a) The properties of matter, the chief phenomena of sound, heat, light, electricity and magnetism, treated in an elementary manner.
- (b) Practical Physics.

III. *Chemistry* :—

- (a) Inorganic Chemistry with special reference to the Non-metals.
- (b) Introduction to Organic Chemistry, or
- (c) Organic Chemistry (for candidates in Mechanical, Electrical, or Municipal Engineering, Mining or Textile Industries) : The aliphatic and aromatic hydrocarbons. Methyl and ethyl alcohols. Organic acids. Fats. Soap. Carbohydrates. Solid, liquid, and gaseous fuels. Flame and combustion.
- (d) Practical Chemistry : The qualitative analysis of mixtures which may include inorganic substances, and the more common organic acids and salts. Exercises in simple preparations.

IV. *Elementary Geology* (for candidates in Mining) :—

- (a) *Physiography* :—The agents at work on and beneath the surface of the earth ; water ; frost ; snow ; ice ; the atmosphere ; chemical action in building up and destroying ; organic action ; the phenomena resulting from earth-heat ; volcanoes ; earthquakes ; elevation and depression of land ; mountain-making and valley-carving ; hot-springs.
- (b) *Structural and Dynamical Geology* :—Temperature and density of the earth ; its place in the universe ; the constitution of its crust ; the classification, history, and microscopical structure of the fragmental, crystalline, and fragmento-crystalline rocks ; movements in the earth's crust ; the circulation of water beneath the surface of the earth ; the formation of mineral veins.
- (c) *Stratigraphical Geology* :—The classification of the stratified crust of the earth ; the primary, secondary, and tertiary rocks, fossils, and minerals.
- (d) *Geological Surveying* :—The study of the rocks in the field and their representation in geological maps and sections.

2. Candidates will be required also to furnish certificates of attendance in the subject of Descriptive Geometry.

3. Candidates will be required to present their note-books showing the work done in the University courses in preparation for this examination.

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## FINAL COURSE.

The minimum attendance for the several degree courses shall be twenty hours weekly.

In determining the results of the Final Examination it shall be within the power of the Examiners to hold a *viva voce* examination of any candidate. They may further take into consideration the class work of candidates during their course, and also any thesis or record of original work conducted by candidates during their course.

## I.—Mechanical Engineering.

## HIGHER COURSE.

A. Candidates are required to present certificates of having attended satisfactorily approved courses in the following subjects\* :

*During the first year* :—Mechanical Engineering, Mathematics, Physics, Electro-Technics, Metallurgy, Language,† and Chemistry.

*During the second year* :—Mechanical Engineering, Electrical Engineering, Mathematics, Works Management, Costing and Estimating, Language,† and in certain cases Paper Manufacture or Textile Engineering.

*During the third year* :—Mechanical Engineering, Electrical Engineering, or Textile Engineering, Mathematics, Metallurgy, and in certain cases Paper Manufacture.

B. The final examination will consist of two parts. Part I., which may be taken at the end of the second year, will consist of seven approved papers to be chosen from the final examination of the ordinary course, four of which must be Theory of Machines, Machine Design, Machine Designing, Strength of Materials and Theory of Structures. Part II. will be held at the end of the third year of the course and will consist of six papers, four to be chosen from the following subjects :

1. Mathematics.
2. Mechanical Engineering.
3. Strength of Materials and Metallurgy.
4. Electrical Engineering or Spinning or Weaving Machinery.
5. Engineering Works Organisation.

\* In the case of the foreign language, examinations will be held at the beginning of the session and at the end of the second term. A candidate who satisfies the Examiners at either of these examinations may be excused further attendance.

† The language approved by the Board of the Faculty for the courses in Mechanical Engineering is German.

and one paper in each of two approved special subjects from the Regulations following list :—

- (a) Steam Turbines ;
- (b) Internal Combustion Engines or Textile Mill Engineering or Paper Manufacture I. ;
- (c) Hydraulics ;
- (d) Machine Tools ;
- (e) Engineering Works Organisation ;
- (f) Structures ;
- (g) Spinning or Weaving Machinery or Paper Manufacture II.

Work done in the drawing office and laboratories will be taken into account. Creditable performance in the special papers will be a condition of obtaining a place in the Honours Division in the final examination.

#### ORDINARY COURSE.

A. Candidates are required to present certificates of having attended satisfactorily approved courses in Mechanical Engineering, Electrical Engineering, Metallurgy, Mathematics, Physics, Chemistry, Language\*†, and in certain cases Textile Machinery or Paper Manufacture.

B. The final examination will consist of nine papers in the following subjects :—

- 1. Theory of Machines ;
- 2. Machine Design ;
- 3. Machine Designing ;
- 4. Hydraulics ;
- 5. Steam Engines and Turbines ;
- 6. Internal Combustion Engines or Textile Machinery or Paper Manufacture ;
- 7. Strength of Materials and Theory of Structures ;
- 8. General Mechanical Engineering ;
- 9. Electrical Engineering.

Work done in the drawing office and laboratories will be taken into account : all drawings and laboratory note-books must be handed in for inspection.

\* In the case of the foreign language, examinations will be held at the beginning of the session and at the end of the second term. A candidate who satisfies the Examiners at either of these examinations may be excused further attendance.

† The language approved by the Board of the Faculty for the course in Mechanical Engineering is German.



utions II. *Electrical Engineering.*

HIGHER COURSE.

A. Candidates are required to present certificates of having attended satisfactorily approved courses in the following subjects\*:

*During the first and second years.*—Electrical Engineering, Mechanical Engineering, Mathematics, Physics, Language.†

*During the third year.*—Electrical and Mechanical Engineering.

B. Candidates are required to pass a Final Examination. The Final Examination will consist of two parts. Part I., which may be taken at the end of the second year, will consist of six papers, three chosen from the following subjects :

1. Theory of Machines.
2. Steam Turbines.
3. Heat Engines.
4. Strength of Materials and Theory of Structures.
5. Hydraulics.

and the following three papers :—

Single-phase and Polyphase Currents.

Electro-Technology and Testing.

Electrical Machinery and Apparatus.

Part II. will be taken at the end of the third year and will consist of five (A) papers and one (B) special paper chosen from the following :

A. *Papers* :—

1. Mathematics.
2. Electro-Magnetic Theory and Electrical Measurements.
3. Generation and Transmission of Electrical Energy.
4. Electrical Design.
5. Electric Traction.
6. Wireless Telegraphy and Telephony.
7. Line Telegraphy and Telephony.

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\*In the case of the foreign language, examinations will be held at the beginning of the session and at the end of the second term. A candidate who satisfies the Examiners at either of these examinations may be excused further attendance.

† The language approved by the Board of the Faculty for the courses in Electrical Engineering is German.

**B. Special Papers :—**

Regulations

1. Generation and Transmission of Electrical Energy.
2. Electrical Design.
3. Electric Traction.
4. Wireless Telegraphy and Telephony.
5. Electrical Measurements.

**ORDINARY COURSE.**

A. Candidates will be required to present certificates of having attended satisfactorily approved courses in Electrical Engineering, Mechanical Engineering, Mathematics, Physics, Language\*†.

B. Candidates are required to pass a Final Examination. The Final Examination will consist of four papers chosen from Group C and five papers chosen from Group D.

**Group C :—**

1. Mathematics.
2. Theory of Machines.
3. Steam Turbines.
4. Heat Engines.
5. Wireless Telegraphy and Telephony,  
or Strength of Materials and Theory of Structures,  
or Hydraulics.

**Group D :—**

1. Electrical Instruments.
2. Single-phase and Polyphase Currents.
3. Electro-Technology and Testing.
4. Generation and Transmission of Electrical Energy.
5. Electrical Machinery and Apparatus.
6. Electrical Design.
7. Electric Traction.
8. Line Telegraphy and Telephony.

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\* In the case of the foreign language, examinations will be held at the beginning of the session and at the end of the second term. A candidate who satisfies the Examiners at either of these examinations may be excused further attendance.

† The language approved by the Board of the Faculty for the courses in Electrical Engineering is German.

tions III.—*Municipal Engineering.*

HIGHER COURSE.

A. Candidates are required to present certificates of having attended satisfactorily approved courses in the following subjects\* :—

*During the first year.*—Mathematics, Language†, Physics and Electro-technics, Geology and Chemistry, Municipal Engineering, Mechanical Engineering.

*During the second year.*—Municipal Engineering, Mechanical Engineering, Mathematics, Chemistry, Geology and Physics, Language† and Economics.

*During the third year.*—Municipal Engineering, Mechanical Engineering, Chemistry, Mathematics, Geology and Applied Physics.

B. The Final Examination will consist of two parts. Part I. will be taken at the end of the second year and will consist of six approved papers, to be chosen from the subjects of the final examination of the Ordinary Course, as follows :—

1. Surveying and Levelling.
2. Physics or Chemistry.
3. )
4. ) Four other approved subjects.
5. )
6. )

Together with one paper in Mathematics.

Part II. will be taken at the end of the third year and will consist of eight papers of an advanced character, of which six will be in the following subjects :—

1. Sewerage, Sewage Treatment, and Refuse Disposal ;
2. Road construction, Maintenance and Cost, and Town Planning ;
3. Building Construction (including steel and re-inforced concrete structures) ;
4. Hydraulics ;
5. Water Supply ;

\*In the case of the foreign language, examinations will be held at the beginning of the session and at the end of the second term. A candidate who satisfies the Examiners at either of these examinations may be excused further attendance.

†The language approved by the Board of the Faculty for the courses in Municipal Engineering is French.

6. Strength and Elasticity of Materials, and Theory of Regulations Structures ;

and two papers

- (i.) A written examination ;
- (ii.) A drawing examination or an extra paper,

in one of the following special subjects :

- (a) Design and Construction of Sewerage and Sewage Disposal Works (including provision for treating trade waste).
- (b) Water Supply (including the design and construction of reservoirs).
- (c) Town Planning.
- (d) Design and Construction of Highway Bridges.
- (e) Design and Construction of Buildings for municipal purposes.

Work done in the drawing office and laboratories and field work will be taken into account, and creditable performance in the special papers will be a condition of obtaining a place in the Honours Division in the Final Examination.

ORDINARY COURSE.

A. Candidates are required to present certificates of having attended satisfactorily approved courses in Municipal Engineering, Mechanical Engineering, Mathematics, Physics, Chemistry, Geology, and Language\*†.

B. The Final Examination will consist of eight papers in the following subjects :—

- 1. Municipal Engineering.
- 2. Road Construction.
- 3. Water and Sewage Analysis.
- 4. Building Construction and Ventilation.
- 5. Surveying and Levelling.
- 6. Physics or Chemistry.
- 7. Properties of Materials.
- 8. Water Supply and Hydraulics.

The Examiners may take into account the work done in class, in the laboratories and drawing offices, also the field work.

\* In the case of the foreign language, examinations will be held at the beginning of the session and at the end of the second term. A candidate who satisfies the Examiners at either of these examinations may be excused further attendance.

† The language approved by the Board of the Faculty for the courses in Municipal Engineering is French.

tions IV.—*Applied Chemistry.*

## HIGHER COURSE.

Higher Courses are arranged in the following branches of Applied Chemistry :—

General Chemical Technology.

Metallurgy.

Chemical Technology of Fermentation Processes  
(including Brewing).

Electro-Chemistry.

Colouring Matters.

Foodstuffs.

Fuel.

A. Candidates for admission to the Higher Courses (A) in the section of Applied Chemistry must have passed the Intermediate or Higher School Certificate Examination in Chemistry or an equivalent examination in Chemistry approved by the Board of the Faculty.

B. Candidates are required to present certificates of having attended satisfactorily approved courses as follows\* :—

*During the first and second years.*—Chemistry and Chemical Technology, Mathematics, Physics, Engineering, Language†.

*During the third year.*—Chemistry and Chemical Technology.

C. The Final Examination will consist of two parts. Part I. will be taken at the end of the second year and will be common to all the above branches of Applied Chemistry. Part II. will be taken at the end of the third year and will vary according to the branch of Applied Chemistry selected by the candidate.

Part I. will consist of four papers in the subjects mentioned below, and an examination in Practical Chemistry extending over three days :—

1. Inorganic Chemistry.

2. Physical Chemistry.

3. Descriptive Engineering (for students taking any branch except Metallurgy), or General Metallurgy (for students taking Metallurgy).

4. Organic Chemistry (for students taking any branch except Metallurgy), or  
Geology and Mineralogy (for students taking Metallurgy).

\* In the case of the foreign language, examinations will be held at the beginning of the session and at the end of the second term. A candidate who satisfies the Examiners at either of these examinations may be excused further attendance.

† The language approved by the Board of the Faculty for the courses in Applied Chemistry is German.

Part II. will consist of four papers in *one* of the following Regulations branches of Applied Chemistry and a practical examination extending over at least five days :—

*General Chemical Technology :*

1. Higher Physical Chemistry (B).
2. Industrial Organic Chemistry.
3. Higher Physical Chemistry (A).
4. Fuel.

*Metallurgy :*

- 1 and 2. Metallurgy (two papers).
3. Metallography.
4. Fuel.

*Chemical Technology of Fermentation Processes (including Brewing) :*

1. Chemical Technology of Fermentation Processes.
2. Higher Physical Chemistry (A).
3. Industrial Organic Chemistry.
4. Fuel.

*Electro-Chemistry :*

- 1 and 2. Electro-Chemistry (two papers).
3. Electrical Engineering.
4. Hydraulics and Hydrology.

*Colouring Matters :*

1. Coal Tar Distillation and Intermediates for Dyes.
2. Colouring Matters and Heterocyclic Compounds.
3. Chemistry of Dyeing and Lakes.
4. Higher Physical Chemistry (A).

*Foodstuffs :*

1. Chemistry of Foodstuffs.
2. Higher Physical Chemistry (A).
3. Industrial Organic Chemistry.
4. Fuel.

*Fuel :*

- 1 and 2. Fuel (two papers).
3. Geology and Mining.
4. Mechanical Engineering.

## ORDINARY COURSE.

ions *A.* Candidates are required to present certificates of having attended satisfactorily approved courses in Chemistry and Chemical Technology, Mathematics, Physics, Engineering, and Language\*†.

*B.* The Final Examination will consist of papers in the following subjects :

I.—1. Inorganic Chemistry.

2. Physical Chemistry.

3 and 4. Two papers in *one* of the following branches of Chemical Technology :—

(a) General Chemical Technology.

(b) Metallurgy and Assaying.

(c) Chemical Technology of Fermentation Processes.

(d) Electro-Chemistry.

(e) Photography.

For candidates taking options (a), (c), (d), (e) :

5. Organic Chemistry.

For candidates taking option (a) :

6. Chemistry of the Colouring Matters.

For candidates taking option (b) :

7. Fuel.

II.—Practical examination (extending over at least four days) in Chemistry and Chemical Technology.

V.—*Textile Chemistry.*

## HIGHER COURSE.

Higher Courses are arranged in the following branches of Textile Chemistry :—

Chemistry of Textiles.

Paper Manufacture.

*A.* Candidates for admission to Higher Courses in Textile Chemistry must have passed the Intermediate or Higher School Certificate examinations in Chemistry or an equivalent examination in Chemistry approved by the Board of the Faculty.

\* In the case of the foreign language, examinations will be held at the beginning of the session and at the end of the second term. A candidate who satisfies the Examiners at either of these examinations may be excused further attendance.

† The language approved by the Board of the Faculty for the courses in Applied Chemistry is German.

B. Candidates are required to present certificates of having attended satisfactorily approved courses as follows :—\*

*During the first and second years.*—Chemistry and Chemical Technology, Mathematics, Physics, Engineering, Language.†

*During the third year.*—(a) In Chemistry of Textiles : Chemistry and Chemical Technology. (b) In Paper Manufacture : Chemistry, Chemical Technology, and Engineering.

C. The final examination will consist of two parts. Part I. will be taken at the end of the second year. Part II. will be taken at the end of the third year and will vary according to the branch of Textile Chemistry selected by the candidate.

Part I. will consist of four papers in the subjects mentioned below and an examination in Practical Chemistry extending over three days :—

1. Inorganic Chemistry.
2. Physical Chemistry.
3. Descriptive Engineering.
4. Organic Chemistry.

Part II. will consist of four papers in the following subjects, together with practical examinations, extending over at least five days :—

*Chemistry of Textiles :*

1. Colouring Matters and Chemistry of Dyeing.
2. Fuel.
- 3 & 4. Chemistry of Textiles (two papers).

*Paper Manufacture :*

1. Paper Manufacture.
2. Properties of Materials.
3. Heat Engines.
4. Hydraulics.

#### ORDINARY COURSE.

A. Candidates are required to present certificates of having attended satisfactorily approved courses in Chemistry and Chemical Technology, Mathematics, Physics, Engineering, and a Language\*†.

\* In the case of the foreign language, examinations will be held at the beginning of the session and at the end of the second term. A candidate who satisfies the Examiners at either of these examinations may be excused further attendance.

† The language approved by the Board of the Faculty for the courses in Textile Chemistry is German.



ions B. The final examination will consist of papers in the following subjects :—

I. *Chemistry of Textiles :*

1. Inorganic Chemistry.
2. Physical Chemistry.
3. Organic Chemistry.
4. Chemistry of the Colouring Matters.

5 & 6. Chemistry of Textiles.

7. A practical examination extending over at least four days.

or II. *Paper Manufacture :*

1. Inorganic Chemistry.
2. Physical Chemistry.
3. Organic Chemistry.

4 & 5. Paper Manufacture.

6. A practical examination extending over at least four days.

VI.—*Textile Industries.*

HIGHER COURSE.

Higher Courses are arranged in the following branches of Textile Technology :

- Cotton Spinning.
- Cotton Manufacture.
- Design.

A. Candidates are required to present certificates of having satisfactorily attended approved courses in the following subjects :

*During the first and second years.*—Mathematics, Physics, Chemistry, a Language\*†, Economics, and Textile Technology.

*During the third year.*—Textile Technology.

B. The final examination will consist of two parts, of which Part I. will be taken at the end of the second year and Part II. at the end of the third year.

Part I. will consist of six papers in the following subjects :

1. General Textile Technology.
2. and 3. *Either* Cotton Spinning III. and Weaving General, *or* Weaving III. and Cotton Spinning General.
4. Economics (with special reference to the Cotton Industry).
5. *Either* Chemistry of Textiles *or* Hosiery Manufacture.
6. *Either* Textile Engineering *or* Applied Design.

\*In the case of the foreign language, examinations will be held at the beginning of the session and at the end of the second term. A candidate who satisfies the Examiners at either of these examinations may be excused further attendance.

†The languages approved by the Board of the Faculty for the courses in Textile Industries are French and German.

Part II. will consist of three papers in one of the following Regulations groups :—

*Cotton Spinning :*

1. Essay paper.

2 and 3. Cotton Spinning (two papers).

Each candidate in this group is required to prepare and submit samples of yarn.

*Cotton Manufacture :*

1. Essay paper.

2 and 3. Cotton Manufacture (two papers).

Each candidate in this group is required to prepare and submit eight woven samples.

*Design :*

1. Essay paper.

2. Historic Ornament.

3. Applied Design.

Each candidate in this group is required to prepare and submit sixteen woven samples.

### ORDINARY COURSE.

A. Candidates are required to present certificates of having satisfactorily attended approved courses in Mathematics, Physics, Chemistry, a Language\*†, Textile Technology, and such ancillary subjects as are required for the final examination.

B. The final examination will consist of eight papers in one of the following groups :

*Group I.*

1, 2, and 3. Cotton Spinning I., II., and III.

4. Weaving General.

5. General Textile Technology.

6. Economics (with special reference to the Cotton Industry).

7. Textile Engineering.

8. Hosiery Manufacture.

*Group II.*

1, 2, and 3. Weaving I., II., and III.

4. Cotton Spinning General.

5. General Textile Technology.

6. Economics (with special reference to the Cotton Industry).

7. Textile Engineering.

8. Chemistry of Textiles.

\* In the case of the foreign language, examinations will be held at the beginning of the session and at the end of the second term. A candidate who satisfies the Examiners at either of these examinations may be excused further attendance.

† The languages approved by the Board of the Faculty for the courses in Textile Industries are French and German.

regulations      *Group III.*

- 1, 2, and 3. Weaving I., II., and III.
4. Cotton Spinning General.
5. Historic Design.
6. Applied Design.
7. General Textile Technology.
8. Chemistry of Textiles.

VII.—*Building.*

HIGHER COURSE.

A. Candidates are required to present certificates of having attended satisfactorily approved courses in the following subjects:—

*During the first and second years.*—Mathematics, Building Construction, Structural Design, Architectural Design, Quantities and Estimates, Language.\*

*During the third year.*—Building Construction, Structural Engineering, Architectural Design.

B. Candidates are required to pass a final examination, which will consist of two parts. Part I., which may be taken at the end of the second year, will consist of six papers, five in the following subjects:—

- 1 and 2. Building Construction (two papers).
3. Strength of Materials and Structural Design.
4. Reinforced Concrete.
5. Builders' Quantities.
- and 6. One paper selected from the following:—
  - (a) Architectural Design.
  - (b) Builders' Finance and Accountancy.
  - (c) Builders' Estimates.
  - (d) Building Materials.

Part II., which shall be taken not less than one year after passing Part I., will consist of seven papers, five in the following subjects:—

- 1 and 2. Building Construction (two papers).
3. Structural Engineering.
4. Builders' Quantities and Estimates.
5. Building Materials.

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\*The languages approved by the Board of the Faculty for the courses in Building are French and German.

and 6, 7. Two papers selected from the following :—

Regulations

- (a) Applied Design (Reinforced Concrete).
- (b) Applied Design (Steelwork).
- (c) Architectural Design.
- (d) Industrial Administration.

The examiners may take into account the work done in class and in the laboratories and drawing offices.

#### ORDINARY COURSE.

A. Candidates are required to present certificates of having attended satisfactorily approved courses in Mathematics, Building Construction, Structural Engineering, History of Architecture, Architectural Design, Language.\*

B. Candidates are required to pass a final examination, which will consist of eight papers, five in the following subjects :—

- 1 and 2. Building Construction (two papers).
3. Strength of Materials and Structural Design.
4. Reinforced Concrete.
5. Builders' Quantities.

and 6, 7, 8. Three papers selected from the following :—

- (a) Architectural Design.
- (b) Builders' Finance and Accountancy.
- (c) Builders' Estimates.
- (d) Building Materials.

The examiners may take into account the work done in class and in the laboratories and drawing offices.

### VIII.—*Mining.*

#### ORDINARY COURSE.

##### I. Coal Mining.

A. Candidates are required to present certificates of having attended satisfactorily approved courses in Mining, Engineering, Surveying, Geology, Chemical Technology, *either* Metallurgy (including Fuel and Gas Analysis), *or* Electro-technics, Language †‡, and four months' practical work in a colliery.

B. The examination will consist of nine papers in the following subjects :—

1. Mining.
2. Colliery Engineering.
3. Surveying.

\* The languages approved by the Board of the Faculty for the courses in Building are French and German.

† In the case of the foreign language, examinations will be held at the beginning of the session and at the end of the second term. A candidate who satisfies the Examiners at either of these examinations may be excused further attendance.

‡ The languages approved by the Board of the Faculty for the courses in Mining are French and German.

ations

- 4 and 5. Geology (two papers).
6. Chemical Technology of Coal.
7. *Either Metallurgy or Electro-technics.*
8. Heat Engines.
9. Mechanical Engineering.

## II. Metal Mining.

A. Candidates are required to present certificates of having attended satisfactorily during their second year approved courses in Mining, Surveying, Chemistry of the Metals and Metallurgy, Geology, Engineering, and Language\*†; and, during their third year, an approved course in the Camborne School of Metalliferous Mining, and before the end of their third year two months' practical work in a colliery.

B. The examination will consist of five papers to be taken by candidates before proceeding to their final year in the following subjects :—

1. Mining.
2. Chemistry of the Metals.
3. Metallurgy.
4. Geology and Mineralogy.
5. Engineering.

Candidates will also be required at the end of their final year to pass the third year examination for the certificate of the Camborne School of Metalliferous Mining.

## Degree of Master of Technical Science.

See general note as to theses, page 399.

nances

1. The degree of Master of Technical Science may be conferred on the following persons :

(a) Graduates in Technical Science or graduates in Honours in Science of the University of not less than one year's standing from the date of their graduation as Bachelor on the following conditions :—

(i.) Each candidate shall present a thesis on some subject coming within the scope of the Faculty of Technology. This thesis may consist of a record (published or not) of original work, or of an essay on some scientific question of importance involving criticism or historical research.

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\* Candidates must signify, in writing, their option not later than January 1st.

† In the case of the foreign language, examinations will be held at the beginning of the session and at the end of the second term. A candidate who satisfies the Examiners at either of these examinations may be excused further attendance.

- (ii.) A candidate for the degree of Master of Technical Science who has followed an Ordinary Course for the degree of Bachelor of Technical Science, and has not subsequently followed, in a manner satisfactory to the Board of the Faculty, a further course relevant to the subject of his thesis, shall be required to present himself for examination (orally or otherwise) on the subject of his thesis or on any matter immediately connected therewith. The Board of the Faculty may require any other candidate for the degree of M.Sc.Tech. to present himself for a similar examination.
- (iii.) The Board of the Faculty shall recommend for the degree of M.Sc.Tech. those candidates whose theses are approved.
- (b) Graduates of the University in Faculties other than those provided for in clause (a) of this Ordinance, of not less than two years' standing from the date of their graduation as Bachelor, who have
- (i.) Attended satisfactorily further approved courses in the Faculty of Technology during two sessions ; and
  - (ii.) Fulfilled in addition the requirements for the M.Sc.Tech. degree under Ordinance 1 (a).

Candidates intending to proceed to the degree of Master under Ordinance 1 must pay the required fees not later than June 1st and must notify the Registrar by that date of the titles of their theses ; except that candidates who wish to submit theses in May must notify the Registrar to this effect on or before March 1st, and must pay the required fees and must notify the titles of their theses by that date.

Candidates intending to proceed to the degree of Master under Ordinance 1 must present three copies of their theses not later than September 15th. Candidates may, however, present their theses on or before May 24th with a view to obtaining the degree at Midsummer ; but a candidate who avails himself of this privilege without securing the approval of his thesis will not be allowed to submit the same thesis again in September except with the special approval of the Faculty.

2. The degree of M.Sc.Tech. may also be conferred on :

- (a) Graduates (or persons who have passed the Final Examination for a degree) of approved Universities, who, without having taken previously a lower degree of this

Ordinances

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University, can give sufficient evidence of their qualifications and have conducted research work approved by the Board of the Faculty during a period of two years in the University.

- (b) Persons who are not graduates (nor have passed the Final Examination for a degree) of an approved University, who have conducted research work approved by the Board of the Faculty during a period of three years in the University, provided that such persons satisfy the Senate as to their general educational qualifications, and can give evidence (satisfactory to the Board) of having attained an adequate standard of knowledge before entering on such research work. The full three years required for non-graduates, who are candidates for a Master's degree by research, should be spent in attendance at the University, but the Senate and Board of the Faculty concerned may give permission that a period of not more than one year may be spent elsewhere, provided that they are satisfied that such period is spent in the prosecution of suitable research.

lations

Candidates intending to proceed to the Master's degree under Ordinance 2 must pay the required fees not later than March 1st, and must notify the Registrar by that date of the title of their theses, which must be presented not later than April 30th. Candidates desiring to obtain the degree at Christmas must pay the required fees not later than June 1st, and must notify the Registrar by that date of the titles of their theses, three copies of which must be presented not later than September 15th.

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3. The degree of M.Sc.Tech. may also be conferred on :  
Graduates (or persons who have passed the final examination for a degree) of approved Universities who, without having taken previously a lower degree of this University, can give sufficient evidence of their qualifications, and have pursued approved part-time courses, including at least one whole day a week, of advanced study and research in the University during a period of at least three years in accordance with the prescribed regulations, and on the completion of their courses have presented a satisfactory thesis which shall embody the results of their research undertaken in the University.

lations

1. Before entering upon his course for the degree of M.Sc.Tech. under Ordinance 3 a candidate must make application to the Registrar upon a prescribed form in time to reach the Registrar not later than October 1st. The application must give particulars of the candidate's educational

career, qualifications, occupation, and position, as well as of the subject in which he proposes to pursue a course of advanced study and research. Regulations

2. A candidate's application shall be considered by the Board of the Faculty, which, having regard to his qualifications, occupation, and position, and especially to the relation between his proposed course and the occupation to which he devotes the remainder of his time, shall decide whether his proposed part-time course of advanced study and research be approved, and, if so, under what conditions, subject always to the ordinances and regulations for the degree.

3. A candidate for the degree, after being approved by the University and before beginning his course, shall register as a University student and pay the prescribed fees.

4. A candidate shall be responsible to a professor or lecturer of the University who shall be fully cognisant of the work undertaken by the candidate during his course, and who shall report to the Board of the Faculty from time to time. Candidates whose work is reported to be unsatisfactory may be required to discontinue the course.

5. Not later than March 1st in the final year of his course a candidate must give notice to the Registrar of the title of his thesis, and must pay the prescribed fee.

6. Not later than April 30th in the final year of his course a candidate must submit three copies of a thesis or published work which shall include the results of his research undertaken in the University.

Forms of Notice may be obtained from the Registrar.

### **Certificates in Technology.**

1. A certificate of proficiency of the University shall be awarded to students in the Faculty of Technology who have satisfactorily attended in the University the courses of study approved by the University, and have passed the examinations prescribed by the University for the certificate. Ordinances

2. The course of study shall extend over three years, unless where otherwise fixed by regulation, but in no case shall it extend over less than two years.

3. The several subjects in which the certificates of proficiency shall be granted are as follows :

Mechanical Engineering.

Electrical Engineering.

Municipal Engineering.

Applied Chemistry.

Textile Chemistry.

Textile Industries.

Mining.

Photographic Technology.

Building.



nances 4. Candidates, before entering on a course of study leading to a certificate, must satisfy the Board of the Faculty concerned as to their fitness to take the course.

5. No deviation from the courses prescribed for the certificates may be made, except with the consent of the Senate.

6. The certificate shall be named "Certificate in Technology," and shall be endorsed with the name of the subject in which the certificate has been granted.

7. Certificates of Distinction will be awarded to students who, having passed satisfactorily through one of the approved courses for the Certificate, shall have spent a fourth year in the laboratories connected with the course, and shall have submitted at the end of the year an approved thesis on some special subject connected with their work.

lations 1. The examinations for the Certificate in Technology in subjects other than Photographic Technology shall be the same as the final examinations for the degree of Bachelor of Technical Science.

2. The minimum attendance for the several certificate courses shall be not less than twenty hours weekly and shall extend over three years, except in the subject of Photographic Technology, in which the course shall extend over two years.

3. Candidates for the Certificate in Technology will be required to present the same certificates of satisfactory attendance as are required of candidates for the degree of Bachelor of Technical Science who take the same papers in the final examination.

4. Candidates for the Certificate in Photographic Technology will be required to present certificates of having attended satisfactorily approved courses in Photography, Chemistry, Physics, and a Language\*†.

The examination for the Certificate in Photographic Technology will consist of six papers in the following subjects :

- i. Pure Photography.
- ii. Photo-Technology.
- iii. Photo-Mechanical Processes.
- iv. Practical Photo-Mechanical Processes.
- v. Practical Pure Photography or Practical Photo-Mechanical Photography.
- vi. Chemistry.

5. Candidates before entering upon a course leading to a Certificate are required to pass the entrance examination. (See pages 397—398.)

\* In the case of the foreign language, examinations will be held at the beginning of the session and at the end of the second term. A candidate who satisfies the Examiners at either of these examinations may be excused further attendance.

† The language approved by the Board of the Faculty for the course in Photographic Technology is German.

Candidates who have passed the Matriculation Examination Regulations of the Joint Matriculation Board are exempt from this entrance examination.

In lieu of this entrance examination candidates may offer a certificate of having passed the Matriculation Examination of the Joint Matriculation Board or any public examination of adequate standard as exempting from the whole or any part of the above entrance examination. Application for such exemption should be made to the Registrar, to whom full particulars should be forwarded.

6. Candidates intending to proceed to the Certificate of Distinction must present their theses not later than September 15th. Candidates may, however, present their theses on or before May 24th, with a view to obtaining the Certificate of Distinction at Midsummer; but a candidate who avails himself of this privilege without securing the approval of his thesis will not be allowed to submit the same thesis again in September, except with the special approval of the Board of the Faculty.

7. Candidates intending to proceed to the Certificate of Distinction must pay the required fees not later than June 1st, and must notify the Registrar by that date of the titles of their theses; except that candidates who wish to submit theses in May must notify the Registrar to this effect on or before March 1st, and must pay the required fees and notify the titles of their theses by that date.

### **Certificate in Industrial Administration.**

1. There shall be a Certificate in Industrial Administration, Ordinances which shall be awarded by the Senate.

2. The certificate shall be awarded to graduates of this University, holders of the University Certificates in Technology, and graduates of other Universities approved by the Senate, who, on furnishing certificates of having attended approved courses of study and having passed an examination to be prescribed in Industrial Administration, are recommended by the Board of the Faculty of Technology.

1. The course of study shall extend over at least one year, Regulations and the minimum attendance shall be not less than twenty hours weekly.

2. Graduates of other Universities who wish to become candidates for the Certificate in Industrial Administration must make application in time to reach the Registrar not later than September 25th; the application must give particulars of the candidate's educational career and qualifications.

3. All candidates for the Certificate shall register as University students and pay the prescribed fees.

4. Candidates whose work is reported to be unsatisfactory may be required to discontinue the course.

5. The final examination will be held once a year and will consist of eight papers in the following subjects :—

- (i.) Industrial output.
- (ii.) Purchasing and stock control.
- (iii.) Economic history.
- (iv.) History of industrial organisation.
- (v.) Factory law.
- (vi.) Wage systems and factory costing.
- (vii.) Business statistics.
- (viii.) Industrial relationships.

6. The names of candidates who have passed the final examination will be published in two divisions, the names in each division being arranged in alphabetical order. Candidates whose names appear in Division I. shall be entitled to have the certificate endorsed to that effect.

### Advanced Study and Research.

Courses of post-graduate and specialised study and research are offered for a fourth year to students who have successfully completed the three years' course for a degree or certificate, or are otherwise deemed competent to enter upon them. For particulars as to Research Scholarships in Technology, see the *Prospectus of the Faculty of Technology*.

- (1) *Advanced Study and Research in Mechanical Engineering.*
- (2) *Advanced Study and Research in Electrical Engineering.*
- (3) *Advanced Study and Research in Municipal Engineering.*
- (4) *Advanced Study and Research in Applied Chemistry.*
- (5) *Advanced Study and Research in Textile Chemistry.*
- (6) *Advanced Study and Research in Textile Industries.*
- (7) *Advanced Study and Research in Applied Physics.*
- (8) *Advanced Study and Research in Mining Engineering.*
- (9) *Advanced Study and Research in Industrial Administration.*

## Faculty of Education.

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### Information for Students.

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The following classes of students pursue courses of study in the Faculty of Education :

1. Students taking the Four Year Course under the Regulations of the Board of Education for the Training of Teachers. During their first three years these students take University degree courses leading to a Bachelor's degree in the Faculty of Arts or Faculty of Science, or some other Faculty, and in their fourth year take the course for the University Teacher's Diploma.
2. Graduates of this or some other approved University, who spend one year in taking the Diploma Course.
3. Trained Certificated Teachers, who are admitted as Third Year Students under the Board of Education Regulations and take a special one year professional course.
4. Students intending to take the special course for Teachers of the Deaf.
5. Students who are admitted under certain conditions to one or more single courses of lectures.
6. Candidates for the degree of Master in Education (page 695) and other students taking courses apart from the Regulations of the Board of Education.

## Conditions of Admission.

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### I. ADMISSION TO THE FOUR YEAR COURSE.

A candidate for admission to the first year of the Four Year Course must, as a rule, be over 18 years of age on the first day of the academic year for which he is admitted.

A candidate must be a British subject ordinarily resident in England or Wales, unless an exception to this rule is approved by the Board of Education, and will be required to produce a *birth certificate* on entry.

The University Authorities must be satisfied as to the candidate's character, probable suitability for the teaching profession, and health and physical capacity for teaching.

A candidate must also have passed or obtained exemption from the Matriculation Examination of the Joint Board of the Northern Universities. Certificates of exemption can be obtained from the Secretary of the Joint Matriculation Board, 315, Oxford Road, Manchester, 13, to whom all enquiries regarding the Matriculation Examination should be addressed.

Before registration shall be considered as complete every student entering on a degree course will be required to produce to the Registrar his Matriculation Certificate or certificate of exemption. In the case of a certificate of exemption, the certificate of the examination on which exemption was granted must be produced.

Admission to certain Faculties is conditional upon satisfying special requirements as to the subjects taken in the Matriculation Examination. Candidates must consult the Prospectus of the Faculty concerned for details of these requirements (see also page 687.)

Students of the Manchester University, who have passed the Matriculation Examination and have attained the requisite age, may be admitted to the second, third, or fourth year of the Four Year Course, if they have completed one year, or two years, or the whole of the course for a degree, as the case may be, before entering the Training Department. They spend three years, two years, or one year, respectively as recognised students in the Training Department, making in all four years' attendance.

A candidate for admission to the second, third, or fourth year of the course must, as a rule, be over 19, 20, or 21 years of age, as the case may be, on the first day of the academic year for which he is admitted.

Application for admission to the Four Year Course must be made on the prescribed form, to be obtained from the Director of the Department of Education. Applications can be received between October 1st and October 10th in the year preceding that in which the student desires to enter upon the course.\* Applications received after October 10th can be considered only in exceptional cases.

Promises of admission in any academic year cannot be given before February 1st.

Students already in the University applying for their admission to the Teacher's Diploma Course, or as second or third year students in the Training Department, must send in forms of application not later than February 1st in the session preceding that for which they desire to be admitted.

The Training Department Authorities and the Board of Education must be satisfied by a medical certificate in a prescribed form that the state of the candidate's health is satisfactory and that he is free from serious bodily defect or deformity

A candidate is required on admission to sign a declaration that he intends to complete the course of training for which he is admitted and thereafter to adopt and follow the profession of teacher in an approved school, and that in entering the Department he takes advantage of the public funds by which it is aided in order to qualify himself for that profession and for no other purpose.

Persons who have been appointed as Bursars, Pupil Teachers, or Student Teachers under the Board's Regulations may not be admitted to a Training College before the termination of their period of appointment without the special sanction of the Board

*Candidates are not officially accepted by the Board of Education until these conditions have been complied with, but are provisionally admitted by the University so long as places are available, and notice to that effect is sent to the applicants as soon as possible after February 1st.*

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\* When asking for the form of application, candidates should make it clear that they wish to apply for admission to the Training Department. Acknowledgment of receipt of applications is sent to the candidate's Head Master or Head Mistress

## II. ADMISSION TO THE DIPLOMA COURSE (ONE-YEAR POST-GRADUATE COURSE).

Before they can be finally admitted applicants must have passed the Final Examination for a degree in this or some other approved University.

Applications for admission to the Teacher's Diploma Course should be sent in not later than February 1st preceding the beginning of the session for which admission is sought, and applicants will be *provisionally* admitted as soon as possible. Applications received after February 1st can be considered only in special cases.

## III. GENERAL CONDITIONS OF ADMISSION.

Students are admitted to the Four Year Course or to the Course for the Teacher's Diploma only under the following conditions :

- (a) That they will not accept any remunerative engagement, as teachers or otherwise, during their period of training, either in vacation or during term, except by special permission.
  - (b) That they will not, without special permission, enter for any examination other than those prescribed by the University.
  - (c) That during their year of professional training they will not, without special permission, attend courses other than those in the Faculty of Education, whether in preparation for a University examination or not.
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## Degree Courses and Examinations.

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### REGULATIONS FOR THE COURSES AND EXAMINATIONS TAKEN DURING THE FOUR YEARS.

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Four Year Students spend their first three years in taking the course for an Ordinary degree or a degree in Honours, usually in the Faculty of Arts or Faculty of Science. The proposed course must be sanctioned by the authorities of the Faculty in which the student is taking a course for a degree, and by the authorities of the Faculty of Education.

All women students registering for the first time must see the Adviser to Women Students as soon as possible after Registration and, in any case, not later than the end of the third week of the session.

### FACULTY OF ARTS.

*Honours courses.* Candidates intending to enter upon any Honours course (save Architecture; Economics, Politics, and Modern History; Philosophy; Geography; and Oriental Studies) must have passed the Matriculation Examination, or some equivalent examination, in Latin (in the case of the Honours Schools of German and English, Greek may be substituted for Latin); otherwise, they may not, without special permission of the Board of the Faculty, proceed in less than four years to the Final Honours Examination. Permission to complete their Honours course in three years will be given not earlier than the close of the first session, upon evidence as to the applicant's ability to complete the course satisfactorily within the shorter period, and will be confined *either* to candidates who have obtained exemption from one of the subsidiary subjects required under Regulation C. 1 of their Honours Schools *or* to candidates who have passed Intermediate Latin before the beginning of their second session and have not more than one subsidiary subject to complete.

*Ordinary courses.* No additional requirement as to the subjects passed in the Matriculation Examination is made, but it is pointed out that during their course candidates must pass the Intermediate Examination in *either* Latin *or* Greek.



## FACULTY OF SCIENCE.

Candidates entering upon a course for a degree in the Faculty of Science are required (i.) to have passed in Mathematics as a subject of the Matriculation Examination, or to give evidence satisfactory to the Senate of having attained an equivalent standard; (ii.) to have passed in Mechanics as a subject of the Matriculation Examination, or to give evidence satisfactory to the Senate of having attained an equivalent standard. (See pages 334—335.)

## HONOURS COURSES.

Students who desire to take a course for a degree with Honours should state the subject of the proposed Honours Course on the form of application for admission to the Training Department. Admission to Honours Schools is in the hands of the Professors of the various subjects, to whom, after students have been admitted, any enquiries about Honours Courses should be addressed.

## CHANGES IN COURSES.

Any proposed change in a student's Time-table must be submitted for approval before it is carried into effect, and the student's Time-table Form must be submitted as revised to the Tutor.

If a student desires to change from an Ordinary course to an Honours course, he must make written application for permission to the Director of the Training Department before such change is carried out.

## DEGREE EXAMINATIONS.

At the end of the first year of the course of training of each student taking the Four Year Course, the authorities of the University are required to report to the Board of Education as to whether they consider the student to be fit to continue with profit the course for a degree.

Students who fail during the undergraduate course to pass any examination which it is necessary for them to pass in order to proceed with the degree course under the University regulations, will cease to be recognised as Four Year Students. By special permission of the Training Department they may be re-admitted to the Four Year Course after retrieving their failure. Students who fail in their final degree examination may, on the special recommendation of the Training Department, be recognised by the Board of Education for a year of professional training for the Teacher's Certificate.

## PROFESSIONAL COURSES.

All Four Year women students, unless exempted, take one of the recognised courses in Physical Training during each year of their attendance at the University.

A class in Physical Training is open to all Four Year men students. Only those who have attended this class regularly for two of their three undergraduate years will be accepted for training in this subject in the professional year.

All First Year and Fourth Year students, unless exempted, take Speech Training.

All Ordinary Degree students, unless exempted, take Drawing or Craftwork, for two hours weekly for two terms during two years of the course.

Students interested in the teaching of Singing may substitute Singing for Drawing or Craftwork.

Gardening (more particularly for Botany students) may be substituted for Drawing or Craftwork or Physical Training.

The Drawing, Craftwork, Gardening, and Singing Classes will be open to such Honours students as desire to attend, provided that the sanction of the teachers responsible for their Honours courses is obtained.

In the case of students showing special proficiency in Drawing, Craftwork, Singing, or Physical Training, the Certificate may be endorsed accordingly.

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## The Teacher's Diploma.

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The course for the Teacher's Diploma is intended to prepare students for work in Elementary, Central, and Secondary Schools. Special branches of the course are designed for those intending to work in (1) Schools for the Deaf, (2) Nursery Schools (children 2—5 years old), and (3) Infant Schools (children 5—8 years old).

Courses (2) and (3) can be taken *either* together or separately.

### Regulations

I. All candidates for the Teacher's Diploma are required :

- (1) To have graduated (or passed the final examination for a degree) in this or some other approved University before entering on the course ;
- (2) To have pursued a course of training approved by the University extending over at least one academic year ;
- (3) To have satisfied the Examiners in both the written and the practical parts of the examination.

### SUBJECTS OF STUDY.

- II. :
- (1) The Principles of Education.
  - (2) Methods of Teaching.
  - (3) Educational Psychology.
  - (4) Educational Hygiene.
  - (5) The History of Education.

### EXAMINATION FOR THE TEACHER'S DIPLOMA.

III. (1) :

(a) The theoretical part of the examination will consist of papers and essays. The Examiners will take into account the quality of the work done by the candidates during the current session.

Essays may, under certain conditions, be substituted for examination papers. The subjects of such essays must be approved by the examiners, and the essays must be submitted not later than the first day of the written examination.

(b) In the practical part of the examination, the candidates' Regulations teaching ability will be judged :

- (i.) From the reports on their work in teaching during this period of training ;
- (ii.) From one or more lessons given before the Examiners ;
- (iii.) From the candidates' written records of the work they have done during their periods of school practice.

The practical examinations will be held towards the end of the Lent term and in June. Candidates who have attained a sufficiently high standard in the former of these examinations will not be required to present themselves in June.

(2) The names of candidates who have been awarded the Diploma will be arranged in two classes. The names in each class will be in alphabetical order. Candidates will be placed in the first class if they have attained a high standard in both parts of the examination.

Students who have failed to satisfy the Examiners in the Diploma Examination may, on the special recommendation of the Examiners, present themselves for re-examination in one or both parts of the examination.

#### BOARD OF EDUCATION TEACHER'S CERTIFICATE.

Students under the Board of Education regulations, who have been awarded the Diploma will be recommended for the Teacher's Certificate of the Board of Education, provided they have obtained adequate experience of teaching in Elementary Schools. Other students may, in exceptional cases, be so recommended.

NOTE.—The recognition of Certificated Teachers by the Board of Education is, in the first instance, for a probationary period of one year. A teacher's recognition is made permanent after he has satisfied the Board that he is practically efficient.

#### PRIZE.

The Withers Memorial Prize (the gift of Mr. Hartley Withers in memory of the late Professor H. L. Withers) will be awarded to the candidate for the Diploma who takes the highest place in the First Class at the examination to be held in 1934. All candidates for the Diploma are eligible for this prize.

## University Certificate for Non-Graduate Teachers.

1. The University Certificate for Non-Graduate Teachers shall be awarded to students in the Faculty of Education who have satisfactorily attended, in the University, courses of study approved by the University, for at least one session.

2. The course shall be open to teachers holding the Certificate of the Board of Education, who, before coming to the University, have spent at least two years in some approved institution for the training of teachers. Such teachers shall not be required to pass the University Entrance Examination for Certificate candidates.

3. The Certificate shall be awarded to such students as satisfactorily complete the course of training described in the current Prospectus.

## University Certificate for Teachers of the Deaf.

1. The University Certificate for Teachers of the Deaf shall be awarded to students in the Faculty of Education who have satisfactorily attended in the University the courses of study approved by the University.

2. The courses of study shall extend over one year, and shall be open to graduates of this or some other approved University and to trained Certificated teachers, provided that the Senate shall have power to admit to the course any student who is considered to be suitably qualified for admission, and, in the opinion of the Senate, was unable, owing to special circumstances, to fulfil either of the foregoing requirements.

The regulations are those already set forth in the special *Prospectus of the Department of Education of the Deaf*.

Candidates who have attained a high standard in both theoretical and practical work will be placed in the first class.

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A special Prospectus of the courses arranged for students preparing for work in Schools for the Deaf will be sent on application to the Director of the Department of Education.

## School Practice.

All students taking courses of professional training are required to complete the prescribed course of practical training. For this purpose they may have to attend beyond the limits of the University terms.

Students who have not had practical experience as teachers in an approved capacity must spend at least twelve weeks of their course in practice in teaching under proper supervision.

If they are unavoidably prevented from fulfilling their engagements at the school, they must inform both the school authorities and their tutors, if possible beforehand.

A list of the practising schools available for students' practice, by the courtesy of the various authorities, is given in the *Prospectus of the Faculty of Education*.

## Fees and Grants.

The fee for the Diploma or Certificate Course is £35. 10s. 6d. for men and £35 for women. This includes the registration fee, Union fee, and Athletic Union fee.

The fee for the Diploma or Certificate Examination is £3. 3s. Fee for re-examination. £3. 3s. The last date for notice and payment of fees is March 1st.

The fee for candidates taking the Teacher's Diploma Examination and the Examination for the Certificate for Teachers of the Deaf, at the same time, is £4. 4s.

## BOARD OF EDUCATION GRANTS.

(The following regulations apply to students entering the Training Department in October, 1933, onwards.)

For students in the first three years of the Four Year Course payment of fees and grants by the Board of Education is dependent upon a statutory declaration of family income by the student's parent or guardian. Where the full amount is awarded it covers (1) tuition, registration and Union fees, but not examination fees, deposits for apparatus, or degree fees, (2) annual maintenance grants as follows :

(a) Resident Students (*i.e.*, students living in one of the Hostels recognised by the Board of Education) :—£43 for a man, or £34 for a woman.

(b) Day Students :—£26 for a man, or £20 for a woman.

Students in their fourth year and One Year Students under the Board of Education Regulations have their tuition, registration, and Athletic Union fees paid by the Board without regard to income; they are required to pay their Union fee if they wish to become members of the Union. They receive maintenance grants as above without regard to income if they are Resident Students. If Day Students, receipt of maintenance grants is dependent upon family income.

A student who is allowed for any reason to make attendances (either in lecture or laboratory work) beyond those ordinarily prescribed for a course will be required to pay such additional fees.

Students purchase their own text-books, including those required for the practical work in class teaching.

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For particulars of Graduate Bursaries in connection with the Teacher's Diploma Course, see page 812.

### RESIDENCE OF STUDENTS.

The conditions as to residence, and regulations as to conduct and discipline, are similar to those laid down by the University for private students.

*Men:* In the case of recognised students the Board of Education holds the Department responsible for the supervision of lodgings selected by those who neither reside at home nor in a University Hall of Residence.

*Women:* Women students are required by the Board of Education to reside either with parents or guardians, or in a recognised Hall. Women students applying from a distance should make early application for admission to one of the Halls mentioned below.

For information as to the Hostels recognised by the Board of Education, viz., Dalton Hall, Hulme Hall, St. Anselm Hall, and Lancashire Independent College (for men), and Ashburne Hall, Langdale Hall, Ellis Llwyd Jones Hall, and St. Gabriel's Hall (for women), application should be made to the respective Wardens.

The Ellis Llwyd Jones Hall has been given by the late Sir James E. Jones in memory of his son. Preference is given to students proposing to become teachers of the deaf, but the Hall is open to other University students.

Any change of address should be reported immediately to the Education Department Office and to the Tutors.

## Department of Advanced Study.

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### ADVANCED COURSE IN EDUCATION.

An Advanced Course for Teachers and others interested in the study of education will be held on Wednesdays, at 6 p.m., beginning October 11th. The subject for 1933-34 is "Difficult Children."

Attendance at this course is accepted as satisfying the requirement under Ordinances 3 and 4 for the degree of Master in Education (see page 696).

Professor Duff will be glad to meet candidates for the degree of M.Ed. either before or after these lectures.

Inquiries as to Extra-Mural Courses for Teachers should be addressed to the Director of Extra-Mural Studies, at the University.

### DEGREE OF MASTER IN EDUCATION.

See general note as to thesis, page 399.

1. The degree of the Faculty shall be Master in Education Ordinances (M.Ed.).

2. The degree of Master in Education may be conferred on graduates of the University who are not of less than two years' standing from the date of their first degree, and who have obtained the Teacher's Diploma of the University at least one year before proceeding to the degree in this Faculty, on the following conditions :

- (a) Each candidate shall present a thesis on some subject coming within the scope of the Faculty of Education. This thesis may consist of a record (published or not) of the candidate's original work, or of an essay on some educational question of importance involving criticism or historical research.



- ordinances
- (b) A candidate may be required, at the discretion of the Board of the Faculty, to present himself for examination (to be conducted orally or otherwise) on the subject of his thesis, or on any matter immediately connected therewith.
  - (c) Each candidate shall produce evidence satisfactory to the Board of the Faculty that he has had, subsequent to obtaining the Teacher's Diploma, at least one year's experience in the practical work of education, and has shown himself efficient therein. He shall also present a reasoned account, in writing, of such experience.

3. Candidates may, by the permission of the Senate, substitute, for the Teacher's Diploma, the Diploma or Certificate in Education of another approved University. Such candidates, subsequent to graduation, are required to pursue investigation for one year in the University in the Faculty of Education. This year shall not coincide with the period of experience specified in (c) above.

4. The degree of Master in Education may also be conferred on graduates (or persons who have passed the Final Examination for a degree) of approved Universities who, without having taken previously a lower degree of this University, can give evidence of qualifications which, in the judgment of the Senate, are equivalent to the qualifications set forth in Clause 2.

Such candidates shall be subject to the requirements specified in Clause 2 (a), (b), (c) above, and shall also be required to pursue study in the University in the Faculty of Education for a period of two years which shall be subsequent to the acceptance of their qualification by the Senate. Either or both of these years shall be spent in investigation, but neither shall coincide with the period of experience specified in (c) above.

If a candidate has completed the course for the Teacher's Diploma in this University, the year during which he took the course shall be accepted as one of the two years of attendance under this Ordinance.

5. The degree may also be conferred on candidates who are graduates of this or some other approved University but who do not possess a University Diploma in Education, provided that such candidates successfully complete two years' preliminary study in the Department of Education to the satisfaction of the Board of the Faculty, and pass an examination in the University equivalent to the theoretical part of the examination for the Teacher's Diploma before entering on the course for the degree.

Candidates who under this Ordinance are required to complete two years of preliminary study may by special permission of the Senate be excused one of these years if they hold the Teacher's Certificate of the Board of Education and have spent two years in an approved institution for the training of teachers. **Ordinances**

6. The Board of the Faculty shall recommend for the degree of Master in Education those candidates who have fulfilled these conditions to the satisfaction of the Board.

**NOTE.**—Under the above Ordinances the requirements for attendance in the University are as follows :

Candidates with—

Manchester Degree and Manchester Diploma : None.

Manchester Degree and other University Diploma : One year.

Other University Degree and Manchester Diploma : One year.

Other University Degree and other University Diploma : Two years.

Candidates under Ordinance 5, other than Manchester graduates :

One year after passing the Preliminary Examination for the M.Ed. Course.

1. Candidates under Ordinances 3, 4, and 5 will be required : **Regulations**

(a) To reside in the Manchester area ;

(b) To make substantial and regular attendance in the University during the prescribed period, provided that during one year of the prescribed period the Board of the Faculty and Senate by special resolution may permit attendance to be taken at some other suitable place of study.

2. Students under Ordinances 3 and 4 will be expected to prepare their theses under supervision, and to register for this purpose; the subjects of the theses to be submitted for approval to the Board at the beginning of the session in which they propose to complete the course.

The proposed attendance of all candidates under Ordinances 3 and 4 will also be submitted to the Senate for approval.

- 11ations 3. Notice of intention to present a thesis together with the fee must be sent in to the Registrar by March 1st, and all theses\* must be in the hands of the Registrar not later than April 30th in the year in which the candidates desire to proceed to the degree. The statement under Ordinance 2 (c) must be forwarded at the same time.

The following fees are charged (in addition to fees for any class lectures other than those prescribed for their course) :

For supervision ... ..	£4	4	0	per session.
On sending in the thesis ...	£4	4	0	
re-examination, £3	3	0		
For attendance at each year of Preliminary Study ...	£1	1	0	
For Preliminary Examination for M.Ed. Course (or re-examination) ... ..	£3	3	0	
For Advanced Course of Lectures (occasional students) ... ..		10	6	

Graduates of other Universities who register as candidates for the M.Ed. degree pay an exemption fee of £3. 3s. at the beginning of the first session of study, in lieu of the charges incurred by Manchester University candidates in connection with the Bachelor's degree.

NOTE.—When a candidate has completed the requirements for a Master's degree a fee of £8. 8s. is payable before the degree is conferred.

For particulars of Advanced Studentship in Education, see page 517.

\* Three copies should be submitted.

## Fellowships, Scholarships, Exhibitions, and Prizes.

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### EXTRACTS FROM THE REGULATIONS RELATING TO THE COMPETITION FOR FELLOWSHIPS, SCHOLAR- SHIPS, EXHIBITIONS, AND PRIZES, AND AS TO THE AWARD AND TENURE OF THE SAME.

#### COMPETITION.

The Fellowships, Studentships, Scholarships, Exhibitions, and Prizes awarded by the University are open to the competition of persons of both sexes, except when otherwise provided by the regulations of foundation.

Except in the case of Entrance Scholarships and Exhibitions, or in other cases where special provision is made to the contrary, no limit of age is imposed upon competitors.

No person who shall have held a Fellowship, Scholarship, or Exhibition during the whole of the period for which it is tenable, or who shall have resigned or have been removed from the tenure of such Fellowship, Scholarship, or Exhibition, shall be allowed again to compete for it, unless where special provision is made to the contrary, or with the express permission of the Senate.

No Prize shall, unless with the special permission of the Senate, be awarded more than once to the same person.

All candidates for Fellowships, Studentships, Scholarships, Exhibitions, and Prizes are required to give notice to the Registrar, at the date annually prescribed, of their intention to compete, unless the award is made on the result of a University examination, instituted for some other purpose also.

Candidates for Entrance Scholarships and Exhibitions, when giving notice of their intention to compete, are also required to furnish certificates of satisfactory character.

Candidates are at liberty to compete for any one or more of the Entrance Scholarships or Exhibitions at the same time. The Senate shall have power to award a Scholarship or Exhibition to a candidate in the Entrance Scholarships Examinations who shall not have expressly entered for such Scholarship or Exhibition, provided that he shall have satisfied the conditions of award.

Unless otherwise expressly stated in the Regulations no Entrance Scholarship or Exhibition in the Faculties of Arts,

Science, and Law shall be awarded to any person whose age shall be under 16 or above 20 on November 1st in the year of competition. The Senate shall, however, have power, in the case of any person who shall, in the opinion of the Examiners, be deserving of an Entrance Scholarship, or Exhibition, but shall be disqualified by age from holding it, to award to such person a Special Exhibition or Prize, provided that there are funds available for the purpose.

Competition for all Scholarships other than Entrance Scholarships is, except where expressly stated to the contrary, limited to persons who in the year of competition are registered students of the University, provided that on the ground of illness, or from any other special cause preventing a student from attending in any particular year, the Senate may admit such person as a candidate.

#### AWARD.

No Fellowship, Studentship, Scholarship, Exhibition, or Prize awarded by the University shall be awarded on comparative merit only.

#### CONDITIONS OF TENURE, &c.

All Fellows, Students, Scholars, and Exhibitioners of the University shall, at the beginning of their course, be required to register as students of the University.

Two Entrance University Scholarships or Exhibitions will not be awarded to the same candidate.

No Scholarship may be held with another Scholarship or Exhibition, whether awarded by the University or by some other body, except by special permission of the Senate. In determining concurrent tenure, the financial circumstances of the Scholar or Exhibitioner will be taken into consideration.

Persons who have vacated a University Scholarship or Exhibition on account of concurrent tenure, are eligible for appointment to an Honorary Scholarship or Exhibition.

These provisos shall not apply to the Rumney and Ramsbottom-Webb Scholarships or to Fellowships or Studentships not providing an annual income.

In the event of a student forfeiting a Scholarship or Exhibition on account of his being awarded a Scholarship by a Local Education Authority, the Senate shall have power to allow such scholar or exhibitioner to retain the title as an honorary scholar or exhibitioner.

Provided that unless the Senate otherwise determine—

- (1) Graduate Research Scholarships may be held with Research Studentships, special materials and apparatus to be provided by the students themselves.

- (2) Other Scholarships and Exhibitions may be also tenable by graduates of this University with Research Studentships.

Any candidate to whom a Fellowship, Scholarship, or Exhibition has been awarded must report in writing to the Registrar the name and amount of any other Fellowship, Studentship, Scholarship, or Exhibition held by him at the time of award, or awarded to him during the tenure of his Fellowship, Studentship, Scholarship, or Exhibition.

Any Fellowship, Studentship, Scholarship, or Exhibition awarded by the University shall be liable to forfeiture by misconduct on the part of the holder, upon a resolution of the Senate.

Any Scholarship or Exhibition awarded by the University shall, if awarded for two years, determine at the end of the first, or, if awarded for three years, at the end of the first or of the second year of tenure, when in the opinion of the Senate the holder has failed to acquit himself with credit in the Annual Class Examinations, or to furnish other satisfactory evidence of his progress to the Senate.

#### ENTRANCE SCHOLARSHIPS AND EXHIBITIONS.

Persons appointed to Entrance Scholarships or Exhibitions shall be required to enter upon a regular course of study in the University, commencing, unless by the special permission of the Senate, in the year of their appointment, and (except in the case of the Rumney and Ramsbottom-Webb Scholarships) to have passed the Matriculation Examination or other examination accepted by the Joint Matriculation Board in lieu thereof.

#### PAYMENTS.

Except where otherwise stated, the income of all Fellowships, Studentships, and post-graduate Scholarships awarded by the University shall be paid quarterly, and the income of other Scholarships and Exhibitions shall be paid half-yearly, the first instalment being paid before the close of the Michaelmas term, and the last before the close of the Summer term. No payment shall be made until after receipt of a certificate stating that the attendance and conduct of the holder has been satisfactory to the Board of the Faculty concerned.

## Scholarships, Exhibitions, and Prizes.

### Time-tables for Examinations.

#### I. ENTRANCE SCHOLARSHIPS.

1934.

Details of Entrance Scholarships and Exhibitions to be offered for competition in May, 1934, will be found on pages 704—736.

*(Notice of intention to enter for May Scholarships must be given by April 1st, on special forms to be obtained from the Registrar.)*

The Papers for the various Scholarships, &c., will be set in the following subjects :

English Essay; Greek; Latin; French; German; English Language and Literature; English History; <sup>1</sup>General History; Geography; Russian; Spanish; Italian; Geometry; Algebra and Trigonometry; <sup>2</sup>Calculus and Statics and Dynamics; Mechanics with *either* Heat and Light or Magnetism and Electricity; <sup>3</sup>Engineering; Chemistry (with Practical); Zoology (with Practical); Botany (with Practical); Geology (with Practical); <sup>4</sup>Political Economy.

The Examination will be held between Monday, May 7th, and Tuesday, May 15th (inclusive), and candidates are informed that they may be required to attend for interview by the Examiners on any day during the period of the examination.

Time-tables of the examination will be posted to candidates after all entries have been received.

#### *Bishop Fraser and Oliver Heywood Scholarships.*

*(See conditions.)*

TUESDAY,	MAY 8	..	10-0 to 1-0	..	Greek Composition.
			2-0 to 5-0	..	Greek Translation at sight.
WEDNESDAY,	„	9	..	10-0 to 1-0	.. Latin Composition.
				2-0 to 5-0	.. Latin Translation at sight.
THURSDAY,	„	10	..	10-0 to 1-0	.. Greek and Roman History.

<sup>1</sup>For Jones and Charles Robinson Scholarships only.

<sup>2</sup>Compulsory paper for Derby and Cartwright Scholarships; optional for other Scholarships where Mathematics is taken.

<sup>3</sup>For Ramsbottom-Webb, Scarlett, Bythway, William and Matthew Kirtley, and Beckwith Scholarships only.

<sup>4</sup>For Adams and Lewis Atkinson (Commerce) Scholarships only.

## II. UNDERGRADUATE SCHOLARSHIPS, EXHIBITIONS, AND PRIZES.

## 1933.

David Bles Hebrew Prize .. .. .	October 4th—5th.
Bishop Lee Junior Prize .. .. .	October 4th.
Bishop Lee Senior Prize .. .. .	October 4th.
Dauntesey Senior Legal Scholarship .. .. .	October 4th—5th.
Wellington Scholarship .. .. .	October 4th—5th.

## 1934.

Samuel Robinson Modern Language Prize .. ..	February 9th
Victoria Scholarship .. .. .	March 5th—6th.
Oliver Heywood Scholarship .. .. .	May 8th—10th.
Early English Text Society's Prize .. .. .	May 8th.
Dauntesey Prize in International Law.. ..	May 8th—9th.
Bishop Fraser Scholarship .. .. .	May 8th—10th.
Shuttleworth Economic Scholarship .. .. .	May 8th—9th.
Warburton Scholarship in Local Government ..	May 8th.
Agnew Prize .. .. .	June 7th—8th.

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**NOTICE.**


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**Entrance Scholarships and Exhibitions.**


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All candidates for Entrance Scholarships are required to write an English Essay. More importance is attached to clearness of arrangement and expression than to quantity of knowledge shown in the Essays.

In addition to the Essay, candidates are required to offer a fixed number of prescribed subjects for each Scholarship, the practice of giving credit for performance in an indefinite number of other subjects having been discontinued.



## Entrance Scholarships and Exhibitions.

NOTES.—1. For the lists of awards before 1910, see the *Calendars* for 1914-15 and 1915-16.

2. For the list of awards from 1910 to 1919 inclusive, see the *Calendar* for 1929-30.

3. In addition to those which are so restricted by regulation, Entrance Scholarships and Exhibitions marked \*\* are only tenable by students who enter for a degree course, the fees for which are payable to the Bursar of the University.

### 1. Open to the competition of persons not already students of the University and awarded on the University Entrance Scholarship Examinations.

#### \* \* ROGERS ENTRANCE SCHOLARSHIP.

Founded in 1880, by Mrs. Rogers, in memory of her late husband, Henry Rogers, Esq., M.A., formerly Governor of the Owens College, and on her death in 1891 augmented by a special bequest for the purpose in her will.

#### REGULATIONS.

1. The Scholarship is of the value of £40, tenable for two years, and will be offered biennially.

2. The subjects of examination will be :

- (i.) An English Essay.
- (ii.) Greek (Translation at Sight, Prose Composition, and Grammar).
- (iii.) Latin (Translation at Sight, Prose Composition, and Grammar).

3. In the case of students duly recommended who are reading for Honours in Greek or Latin or Classics the Scholarship may be prolonged for a third year.

The next examination will take place in May, 1935.

Last date for notice, April 1st.

#### SCHOLARS.

1921 A. Ingham	1927 S. J. Wilson
Elsie Birch (Spl. Schp.)	Muriel C. Walker (Spl. Schp.)
1923 Edith M. Hudson	1929* Stanley Calvert
Annie Simpson (Spl. Grant)	Constance E. Hodgkinson
1925 C. L. Mitton	1931 K. G. D. Cave
* Mary K. Pickles	1932 W. P. Barry (Spl. Exhibition)
1926 Mary Arnold (Special Exhibition)	1933 Arnold Walker

\* Resigned.

### *Entrance Scholarships, &c.*

#### \* \* SEATON ENTRANCE SCHOLARSHIP.

Founded in 1882, by the late James Seaton, Esq., who bequeathed £1,000 for the purpose. The value of the Scholarship is made up to £40 by a grant from the University funds.

#### REGULATIONS.

1. The Scholarship is of the value of £40 per annum, **tenable** for two years, and will be offered biennially.

2. The subjects of examination will be :

(i.) An English Essay.

(ii.) Greek (Translation at Sight, Prose Composition, and Grammar).

(iii.) Latin (Translation at Sight, Prose Composition, and Grammar).

3. In the case of students duly recommended who are reading for Honours in Greek or Latin or Classics a special Exhibition, tenable for one year, may be awarded on the expiry of their Seaton Scholarship, from the Rogers Fund.

The next examination will take place in May, 1934.

Last date for notice, April 1st.

#### SCHOLARS.

1920 Barnet Hirsh  
1922 A. L. Rosenthal  
Francis Walsh (Spec. Schp.)  
1924\* R. A. Male  
Mary Arnold (Special Schp.)  
1926 Isaac Elbogen

1928\* Harold Bextelstein *divided*  
\* Jessie Booth *between*  
Isaac Lever  
1930 W. P. Barry  
1932 J. G. Bell

#### \* \* † HULME ENTRANCE SCHOLARSHIPS.

Founded under the provisions of the new scheme for the administration of the Hulme Trust in 1882, and revised in 1892.

#### REGULATIONS.

1. The Scholarships are of the value of £35 per annum : one Scholarship will be offered annually, tenable for three years.

2. The subjects of examination will be :

(1) An English Essay.

(2) At least *two* of the following :—

English Language and Literature.

Outlines of English History.

Geography.

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\* Resigned.

† These should not be confused with the Hulme Hall Open Scholarships, for which see page 741.

Provided that candidates who propose to enter the Honours School of English, or History or Geography, must take the paper in the subject which they propose to study in the University.

**3. At least *two* of the following :**

Latin (Translation at sight, Grammar, and easy Composition).

Greek	do.	do.
French	do.	do.
German	do.	do.
Spanish	do.	do.
Russian	do.	do.
Italian	do.	do.

The examination will take place in May, 1934.

Last date for notice, April 1st.

**SCHOLARS**

1920 C. T. Brunner	1928 E. L. Patterson
1921 Hilda E. Wilson	1929 W. D. Elcock
1922 Sybil Cooke	1930* George Marshman
1923 Muriel Barratt	J. D. Kenney.
1924 Florence Ashton	1931 Nora Wilkinson.
1925 Doreen Carty	Elsa M. Hedges (Special Schip.)
1926* S. H. F. Johnston	1932 Wilfred Lister
J. G. Taylor	1933 Marjorie Swift
1927 Ernest Harrop	

**JONES HISTORY ENTRANCE SCHOLARSHIP.**

Founded from the accumulations of the Jones Fellowship Fund.

**REGULATIONS.**

1. One Scholarship, of the value of £40 per annum, will be awarded annually in June and will be tenable for two years.

2. The subjects of examination will be :

(1) An English Essay.

(2) Outlines of English History. Candidates may specialise on a particular period.

(3) A general paper, which will include questions upon Literature, the Political Geography of Europe, and problems of general historical interest.

(4) At least *two* of the following :—

Latin (Translation at sight, Grammar, and easy Composition).

Greek	do.	do.
French	do.	do.
German	do.	do.
Spanish	do.	do.
Russian	do.	do.
Italian	do.	do.

3. The Scholarship will not be awarded except to a candidate who shows promise in Historical study.

4. The holder of this Scholarship will be required to enter for the History Honours Course.

The examination will take place in May, 1934.

Last date for notice, April 1st.

#### SCHOLARS.

1920 D. H. MacLean		1926 David Plinston
1921 Annie Marks	} <i>Divided between</i>	1927 Harold Richardson
Edith B. Robertson		1928 George Irving
1922 Marcelle W. Sugden		1929 Elsie Farrar
*Stanley Eckersley		1930* R. W. Hilton
(Special Exhibition)		J. S. Roskell
1923 Mabel M. Slaney		1931* G. A. Forrest
*Enid M. Wood (Special Schp.)		1932 J. W. McGuinness
1924 T. W. Byrne		1933 W. H. Chaloner
1925 C. C. Bayley		
1925† W. G. Alcock (Special Schp.)		
W. G. Weston (Special Schp.)		
Mabel M. Slaney (for a third year)		

#### JOSEPH CLEGG SCHOLARSHIP.

Founded in 1925 by Miss Maud Clegg, in memory of her father, Joseph Clegg, Esq., of High Crompton.

#### REGULATIONS.

1. The Scholarship is of the annual value of £45, and will be tenable for three years.

2. The Scholarship will be offered at least every third year, but it may be offered at a shorter interval if the funds permit.

3. The subjects of examination will be

(1) An English Essay.

(2) English Language and Literature.

(3) Outlines of English History.

(4) At least *two* of the following :—Latin, Greek, French, German, Spanish, Russian, Italian, as for the Hulme and Jones History Entrance Scholarships.

4. The successful candidate will be required to enter on the Honours course of English Language and Literature.

5. Any accumulations of income which have accrued from time to time owing to non-award or otherwise may be used either for increasing the amount of the Scholarship or for the award of an additional Scholarship or Exhibition.

The examination will take place in May, 1935.

Last date for notice, April 1st.

#### SCHOLARS

1926 Norman Whitton
1929 Geoffrey Wile
1932 F. N. Lees

\* Vacated.

† Resigned on election to another Scholarship.

CHARLES ROBINSON ENTRANCE SCHOLARSHIP IN MODERN  
LANGUAGES.

Founded in 1917, under the will of the late Charles Robinson,  
Esq., of Blackpool.

REGULATIONS.

1. A Scholarship of the value of £30, tenable for three years will be offered annually for competition for students who shall enter upon a course of study for a degree in the Honours School of French or the Honours School of German.

2. The Scholarship will be awarded on the result of the Entrance Scholarships Examination.

3. The Scholarship will be offered alternately with French and German as the main subject.

4. Candidates who take either of the two languages as their main subject will be required to be examined and to attain a satisfactory standard in the other language, and credit will be given in the competition for the knowledge shown in that language.

5. Candidates must take as subsidiary subjects the following papers in the Entrance Scholarships Examination :

English Essay.

A General paper as set for the Jones Scholarship, and  
*either Latin or Greek.*

Credit will be given in the competition for knowledge shown in these subsidiary subjects. A successful candidate must reach a standard in either Latin or Greek sufficient to enable him to enter upon an Intermediate course in whichever of the two languages he takes.

6. In any year in which the Examiners are of opinion that no candidate has reached the standard required in the language forming the main subject of the examination, the Scholarship may be awarded for excellence in the other language, and if no candidates in either language show themselves worthy of the Scholarship, a special Scholarship or Exhibition of lower value may be awarded, provided that the allocation of the languages to the particular years of competition may be preserved as before.

7. Any balance of income which has accrued from time to time may be used either for increasing the emoluments of a Scholar, or for the award of additional Scholarships or Exhibitions.

The main subject in 1934 will be French.

Last date for notice, April 1st.

## SCHOLARS.

1920* F. C. Fletcher		1926 Ena Hindley	<i>Divided</i>
Nora A. Jones	} <i>Divided</i>	Edwin Reeves	<i>between</i>
Mary C. Winstanley		1927 Olga Bell	<i>Divided</i>
1921 T. T. Rush	} <i>Divided</i>	G. H. J. Champion	<i>between</i>
C. T. Carr		1928* Elsa Schlesinger	
Erna E. Williams (Special Bursary)		1929* J. A. Nicholson	
1922* H. M. Hilton		Joan L. Harley	
Mary E. Haworth		1930* R. W. J. Bowen	
(Special Exhibition)		W. H. Goddard	
1923 D. L. Korayth		1931* R. W. J. Bowen	
Nancy Williams (Spl. Scholarship)		Arthur Taylor	
1924 Bessie Anderson		1932 H. J. Martin	
1925 Norman Haycocks		1933 James Barnes	

## \*\*\* THEODORES MODERN LANGUAGES ENTRANCE EXHIBITION.

Founded in memory of the late Professor Theodores by his Widow.

## REGULATIONS.

1. An Exhibition of £20 will be annually offered on the results of the Entrance Scholarships Examination in French and German. Candidates must also take the English Essay Paper set in the examination.

2. Candidates shall not be more than twenty years of age at the date of their admission to the University.

3. Candidates will be required to satisfy the Examiners in each of these languages, but the award may be made either for excellence shown in the papers on one language or for proficiency shown in the papers on both.

4. Candidates will be required to enter for a regular University course, commencing in the year of their election.

5. The Examiners shall be the Professors in French and German.

6. The University shall have power to use any accumulation of income arising from non-award or forfeiture of the Exhibition or otherwise for the provision of an additional Exhibition or of a Prize to be given from time to time on the recommendation of the Examiners to any candidate who shall have distinguished himself in the examination.

The examination will take place in May, 1934.

Last date for notice, April 1st.

## EXHIBITIONERS.

1920* Leslie Pott		1926 N. O. Barnes	
A. V. Ouerden		1927* Elsa Schlesinger	
1921 Frieda M. Setzer		Geoffrey Sircom	
1922 O. T. Brown		1928 A. L. Birchall	
* John Lunn		1929† Joan L. Harley	
1923 Florence Kletz	} <i>Divided</i>	1930* Arthur Taylor	
* R. B. Darby		1931† Arthur Taylor	
Zillah Taylor	} <i>between</i>	1932 Barnet Rabinovitch ( <i>later Rayburn</i> )	
1924 Lynette G. Evans		1933 Kathleen Watson	
1925 Sarah Rabinowitz			

\* Resigned.

† Resigned on election to another Scholarship.

### \* \* DERBY MATHEMATICAL ENTRANCE SCHOLARSHIP.

Instituted from the accumulations of the fund with which the Right Honourable the Fifteenth Earl of Derby endowed the University in 1880, and which was applied to the founding of Scholarships for the encouragement of the study of Mathematics.

[This Scholarship has been instituted in place of the Dalton Entrance Scholarship in Mathematics. For particulars of that Scholarship and list of Scholars, see *Calendar* for 1914-15, page 783.]

#### REGULATIONS.

1. A Scholarship of the value of £25 per annum, tenable for three years in the Honours School of Mathematics, will be offered annually for competition.

2. The subjects of the examination will be :

- (1) An English Essay.
- (2) Mathematics, three papers :—
  - (a) Geometry (Plane, Solid, and Analytical).
  - (b) Algebra and Trigonometry.
  - (c) Calculus and Statics and Dynamics.

3. This Scholarship shall not be tenable with the Dalton Mathematical Scholarship, except by special permission of the Senate. The Derby Scholar may, however, be awarded a Dalton Scholarship during his second or third year in place of the corresponding year of tenure of the Derby Scholarship.

The examination will take place in May, 1934.

Last date for notice, April 1st.

DALTON SCHOLAR (under the Old Regulation).

1915 Alexander Maude

#### DERBY SCHOLARS.

1920 Kathleen P. Kirsop	1928 John Magee
1921 C. H. Smith	1929 J. S. Howard
1922 No award	* W. P. Dakin } <i>Divided</i>
1923 E. T. Norris	1930* Thomas Crippin } <i>between</i>
1924 No award	1931 Donald Hardwick
1925* H. L. Taylor	1932 Joseph Thorpe
1926 No award	1933 D. H. Organ
1927 G. R. Western	

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\* Resigned.

**\* \* \* CARTWRIGHT ENTRANCE SCHOLARSHIP.**

Established in 1895 under the will of the late Francis Cartwright, Esq., and under an order of the Charity Commissioners, 1894.

**REGULATIONS.**

1. The Scholarship is of the value of £35 per annum, tenable for three years in the Honours School of Mathematics, and will ordinarily be offered once in six years.

2. The subjects of the examination will be :

(1) An English Essay.

(2) Mathematics, three papers :—

(a) Geometry (Plane, Solid and Analytical).

(b) Algebra and Trigonometry.

(c) Calculus and Statics and Dynamics.

3. The Scholarship will be awarded to the candidate who, being the son of a parent residing or of parents, if dead, who have resided within the Parliamentary boundary of the City of Manchester or within the City of Salford, shall, in the opinion of the Examiners, have passed the best examination, provided he shall reach a sufficient standard of merit. Candidates are required to show evidence of their complying with the condition as to residence.

4. This Scholarship shall not be tenable with the Dalton Mathematical Scholarship, except by special permission of the Senate.

The examination will take place in May, 1934.

Last date for notice, April 1st.

**SCHOLARS.**

1922 H. R. Leech  
1923-25 No award  
1926 Harry Wroe

1927-28 No award  
1929 A. N. Merchant  
1930-33 No award

**WILLIAM KIRTLEY ENTRANCE SCHOLARSHIP IN  
MECHANICAL ENGINEERING.**

Founded in 1919 under the will of the late William Kirtley, Esq.

**REGULATIONS.**

1. One Scholarship of the value, for the present, of £70 shall be offered each year and shall be tenable for three years.

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\* Open to the competition of men only.



2. The subjects of the examination will be :

- (1) An English Essay.
- (2) Mathematics (Three papers, of which (c) is optional) :—
  - (a) Geometry (Plane, Solid, and Analytical).
  - (b) Algebra and Trigonometry.
  - (c) Calculus and Statics and Dynamics.
- (3) Elementary Mechanics and Physics :—
 

Mechanics, Heat, Light, Sound, Electricity, and Magnetism.

\* (4) and (5) *Two* of the following subjects :—

- (a) Engineering.
- (b) Chemistry (with practical).
- (c) English Language, Literature, and History.
- (d) French.
- (e) German
- (f) Latin.
- (g) Spanish.
- (h) Russian.
- (j) Italian.
- (k) Geography.

3. The successful candidate will be required to pass the Matriculation Examination, or to obtain an exemption certificate from the Joint Matriculation Board, not later than six months after the award of the Scholarship.

4. The holder of the Scholarship will be required to pursue, in the Faculty of Science, a regular course of study in Engineering leading to the degree of B.Sc. with Honours.

5. The continuance of the Scholarship is dependent on satisfactory progress made by the candidate, and it may be discontinued in the second or third year if, in the opinion of the Senate, the circumstances justify such a course.

The examination will take place in May, 1934.

Last date for notice, April 1st.

#### SCHOLARS.

1931 A. H. D. Markwick	1928 J. R. Harris
1932 David Clayton	1929 Tom Crippin
1923 W. K. Rooney (Special Grant)	1930 P. A. Hutton
John Barton	1931 Robert Scott
1924 James Randle	Keith Butterworth
1925 R. O. Watson	1932 John Goodall
1926 Albert Fogg	C. R. Taylor
1927 Geoffrey McLeod	1933 Stanley Jones

\* Candidates should state the optional subjects under (4) and (5) which they select.

† Resigned.

**MATTHEW KIRTLEY ENTRANCE SCHOLARSHIP IN  
MECHANICAL ENGINEERING.**

Founded in 1923 by a bequest of the late Dame Emily Roe for the establishment of a Scholarship in connection with some branch of Mechanical Engineering.

**REGULATIONS.**

1. One Scholarship of the value, for the present, of £60 shall be offered each year, and shall be tenable for three years.

2. The subjects of the examination will be :

(1) An English Essay.

(2) Mathematics (Three papers, of which (c) is optional) :—

(a) Geometry (Plane, Solid, and Analytical).

(b) Algebra and Trigonometry.

(c) Calculus and Statics and Dynamics.

(3) Elementary Mechanics and Physics :—

Mechanics, Heat, Light, Sound, Electricity, and Magnetism.

\*(4) and (5) *Two* of the following subjects :—

(a) Engineering.

(b) Chemistry (with practical).

(c) English Language, Literature, and History.

(d) French.

(e) German.

(f) Latin.

(g) Spanish.

(h) Russian.

(j) Italian.

(k) Geography.

3. The successful candidate will be required to pass the Matriculation Examination, or to obtain an exemption certificate from the Joint Matriculation Board, not later than six months after the award of the Scholarship.

4. The holder of the Scholarship will be required to pursue, in the Faculty of Science, a regular course of study in Engineering leading to the degree of B.Sc. with Honours.

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\* Candidates should state the optional subjects under (4) and (5) which they select.

5. The continuance of the Scholarship is dependent on satisfactory progress made by the candidate, and it may be discontinued in the second or third year if, in the opinion of the Senate, the circumstances justify such a course.

The examination will take place in May, 1934.

Last date for notice, April 1st.

#### SCHOLARS.

1924\* Wilfred Georgeson  
1925\* Arthur Page  
1926\* A. E. Stubbs  
Benjamin Preston (*Special Grant*)  
1927 Harold Page  
1928\* Frank Green

1929\* A. E. Gwilliam  
1930\* H. I. B. Saint  
1931 K. B. Clayton  
1932\* C. R. Taylor  
1933 Harold Gaskell

#### JOHN HENRY BECKWITH ENGINEERING ENTRANCE SCHOLARSHIPS.

Founded in 1917 under the will of Mary Emma Beckwith, in memory of her husband, the late John Henry Beckwith.

#### REGULATIONS.

1. Two Scholarships of the value of £60 each shall be offered each year and shall ordinarily be tenable for three years. The Scholarships may be renewed for a fourth year for special reasons.

2. The subjects of the examination will be :

(1) An English Essay.

(2) Mathematics (Three papers, of which (c) is optional) :

(a) Geometry (Plane, Solid, and Analytical).

(b) Algebra and Trigonometry.

(c) Calculus and Statics and Dynamics.

(3) Elementary Mechanics and Physics :—

Mechanics, Heat, Light, Sound, Electricity, and Magnetism.

†(4) and (5) Two of the following subjects :—

(a) Engineering.

(b) Chemistry (with practical).

(c) English Language, Literature, and History.

(d) French.

(e) German.

(f) Latin.

(g) Spanish.

(h) Russian.

(j) Italian.

(k) Geography.

\* Resigned.

† Candidates should state the optional subjects under (4) and (5) which they select.

3. The successful candidates will be required to pass the Matriculation Examination, or to obtain an exemption certificate from the Joint Matriculation Board, not later than six months after the award of the Scholarship.

4. The successful candidates may, subject to the sanction of the Senate, postpone the tenure of the Scholarship for one or two years, in order to obtain practical experience in engineering works prior to entering upon a University course.

5. The holders of the Scholarships will be required to pursue, in the Faculty of Science, a regular course of study in Mechanical Engineering leading to the degree of B.Sc. with Honours.

The examination will take place in May, 1934.

Last date for notice, April 1st.

#### SCHOLARS.

1920* J. W. Gibson	1928(1)* Wilfred Flemming
W. H. Turner	P. D. F. T. Huss
1921 C. A. Bradley	(2)* A. J. Mears
1922 F. J. Rush	1929(1)* T. F. Battersby
1923* Basil Wood	(2) Arthur Raven
Ernest Taylor	1930(1)* T. H. Reynolds
1924* Frank Hadfield	(2)* William Heaton
James Drake (Honorary Schp.)	1931(1)* Bernard Stones
O. J. Tirrell (Special Grant)	(2)* Joseph Thorpe
C. F. J. Morgan (Special Schp.)	W. R. B. Frank
1925 (1)* W. H. Joslin	1932(1) Haydn Templeton
A. E. Johnson	(2) Edward Saunbury
(2)* Charles Dunbar	1933(1) J. K. Bithell
1926 (1) A. D. Dunbar	(2) John Sharratt
(2)* A. S. L. Morgan	
Leonard Raven	
1927 (1) F. L. Smith	
(2)* Fred Ashton	
* Sidney Occleshaw	

#### † RAMSBOTTOM-WEBB SCHOLARSHIP.

This is an amalgamation, made in 1927, of the Ramsbottom Scholarship, founded in 1873 by the late John Ramsbottom, Esq., C.E., LL.D., of Alderley Edge, and of the Webb Scholarship, instituted in 1906 under the Will of the late F. W. Webb, Esq.

#### REGULATIONS.

1. The Scholarship shall be an Entrance Scholarship of the value of £100 a year, usually awarded triennially and tenable for three years by the employes or sons of employes on the London, Midland and Scottish Railway Company. Candidates must not be under 16 nor above 23 years of age on November 1st of the year of competition, and must not have been previously students at the University of Manchester.

2. The successful candidate will be required to enter, in the Faculty of Science, upon a course for a degree in Engineering or for an Engineering Certificate.

\* Resigned.

† Open to the competition of men only.

3. The subjects of examination shall be an English Essay, Mathematics, Elementary Mechanics and Heat, and Engineering.

4. Any balance owing to non-award, accumulation or otherwise, shall be used for awarding either a second Scholarship or a special Prize or Exhibition.

The examination will be held in May, 1934.

Last date for notice, April 1st.

Applications for the Ramsbottom-Webb Scholarship should not be sent to the University, but should be forwarded to the Secretary of the L. M. & S. Railway Company through the Head of the Department in which the candidate is employed, or, in the case of sons of employees, through the Head of the Department in which the parent is employed.

#### RAMSBOTTOM SCHOLARS.

1920 W. K. Rooney	1926 J. W. Jennings
1922 W. K. Rooney (for a third year)	H. F. Tirrell (for a third year)
C. J. Tirrell	1928 George Foster
1924 H. F. Tirrell	

#### WEBB SCHOLARS.

1922 James Smith
1925 John Briscoe
1928 George Foster

#### RAMSBOTTOM-WEBB SCHOLAR.

1931 G. S. Fisher
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#### \* THE JAMES SCARLETT ENGINEERING SCHOLARSHIP (ENTRANCE).

Instituted in 1906 under the will of the late James Scarlett, Esq., of Bowdon.

#### REGULATIONS.

1. The Scholarship is of the value of £70 per annum, and will be awarded triennially. It will be tenable for three years.

2. The competition for this Scholarship is limited to the members of industrial classes who are resident at time of election and have resided for three years previously within ten miles of the Town Hall, Manchester.

3. The subjects of examination shall be an English Essay, Mathematics, Elementary Mechanics and Heat, and Engineering.

4. Candidates must have passed, prior to entrance into the University, the Matriculation Examination of the Joint Board.

5. The successful candidate will be required to enter as a Day Student of the University, and to attend, in the three years, the recognised courses prescribed by the University for the degree of B.Sc. with Honours in Engineering.

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\* Open to the competition of men only.

6. The continuance of the Scholarship is dependent on satisfactory progress made by the candidate, and it may be discontinued in the second or third year if, in the opinion of the Senate, the circumstances justify such a course.

The Scholarship will be offered for competition in May, 1936.

Last date for notice, April 1st.

Candidates are required to furnish, with their application, satisfactory evidence of their eligibility.

#### SCHOLARS

1920 John Latham  
1923 Jack Allen  
1926 J. G. Jagger

1929-1932 No award  
1933 Raymond Kitchen

#### THE BYTHWAY ENTRANCE SCHOLARSHIP IN CHEMISTRY AND ENGINEERING.

Founded in 1922 by the late Mrs. Caroline Bythway in memory of her husband, Thomas Bythway.

#### REGULATIONS.

1. The Scholarship is of the value of £45 per annum. It will be awarded triennially, and will be tenable for three years.

2. The competition for the Scholarship is limited to boys who have attended the Leigh Grammar School or the Manchester Grammar School for a period of not less than one year.

Candidates are required to furnish, with their application, satisfactory evidence of their eligibility.

3. Candidates must take, in the Entrance Scholarships Examination, an English Essay paper together with at least four papers of three hours each. Candidates may select any subject in which papers are set in Arts or Science, provided that they take *either* Chemistry or Mathematics, or both.

NOTE.—In some subjects more than one paper is set. Where a practical examination is held, the written paper and the practical examination are regarded as one paper. Mechanics, Heat, Light, Sound, Electricity, and Magnetism, is regarded as one paper.

4. The holder of the Scholarship will be required to pursue, in the Faculty of Science a regular course in either Chemistry or Engineering leading to the degree of B.Sc. with Honours.

5. The Senate may determine the tenure of the Scholarship at any time owing to unsatisfactory conduct or progress.

6. Should there be no candidate of sufficient merit in any year, the Scholarship shall not be awarded.

7. Any accumulations of the funds of the Scholarship owing to non-award, or to any other cause, are to be added to the Capital sum, with a view to an increase in the emoluments of the Scholarship at such time or times as the Council may determine.

The examination will take place in May, 1935.

Last date for notice, April 1st.

#### SCHOLARS.

1925\* R. G. Wood  
1926 Benjamin Preston  
1929 Thomas Vickerstaff  
1932 Wallace Taylor

#### CRACE-CALVERT ENTRANCE SCHOLARSHIP.

##### REGULATIONS.

1. The Scholarship will be awarded biennially, and will be of the annual value of £30.

2. Candidates for the Scholarship must have attended during the session, at the close of which the Scholarship is awarded, at least two lecture courses, and one course in Practical Chemistry, in the Manchester Municipal College of Technology or the Royal Salford Technical College.

3. The subjects of examination will be :

- (1) An English Essay.
- (2) Chemistry (Theoretical and Practical).

4. The holder of the Scholarship will be required during the session following its award to enter upon the University First Year's Honours Course in Chemistry.

5. The holder of the Scholarship will, during the second year of tenure, be required to enter upon the University Second Year's Honours Course in Chemistry, or such other advanced course in Chemistry as may be approved by the Vice-Chancellor and the Professor of Chemistry.

The next examination will take place in May, 1934.

Last date for notice, April 1st.

#### SCHOLARS.

1920 J. L. Schofield	1926 Merton Blauk
1922 Donald White	1928-29 No award
1924 Hymie Leinpert	1930* Geoffrey Broughton
	1932-33 No award

\* Resigned.

**\* \* \* KAY-SHUTTLEWORTH (SIR JAMES PHILLIPS)  
ENTRANCE SCHOLARSHIP.**

Founded in 1892, by The Right Hon. Lord Shuttleworth of Gawthorpe, in memory of his father, the late Sir James Phillips Kay-Shuttleworth, Bart.

**REGULATIONS.**

1. The Scholarship is of the value of £50 per annum, and will be awarded triennially in May. It will be tenable for three years.

2. The competition for this Scholarship is limited to boys who shall have, during a period of at least two years, been educated in one or other of the following schools, viz.: Sedbergh School, Giggleswick School, Burnley Grammar School.

Candidates are required to furnish, with their application, satisfactory evidence of their eligibility.

3. The subjects of examination will be :

(1) An English Essay.

(2) Mathematics (Three papers, of which (c) is optional) :—

(a) Geometry (Plane, Solid, and Analytical).

(b) Algebra and Trigonometry.

(c) Calculus and Statics and Dynamics.

(3) Elementary Mechanics and Physics :—

Mechanics, Heat, Light, Sound, Electricity, and Magnetism.

(4) Chemistry (with practical).

4. The Scholarship will be awarded to the candidate who, in the opinion of the Examiners, shall have passed the best examination; provided he shall reach a sufficient standard of merit, and provided he shall have satisfied the Examiners that he is well acquainted with the elements of Chemistry, Practical as well as Theoretical.

The next examination will take place in May, 1934.

Last date for notice, April 1st.

**SCHOLARS.**

1921†	Ernest Thornley (Burnley Grammar School)
	Richard Pendlebury (Burnley Grammar School)
1924	Harry Wildman (Burnley Grammar School)
1927	No award
	Harry Wildman (Special Exhibition)
1928	No award
	Norman Calvert (Special Exhibition)
1929-33	No award

\* Open to the competition of men only.

† Resigned.



## \* \* JAMES GASKILL ENTRANCE SCHOLARSHIPS.

Founded in 1892 by the Trustees under the will of the late James Gaskill, Esq., of Christ Church, Hulme.

## REGULATIONS.

1. The Scholarships are of the value of £35. One Scholarship will be offered annually, and will be tenable for two years.

2. The subjects of examination will be :

(1) An English Essay.

(2) Mathematics (Three papers, of which (c) is optional) :—

(a) Geometry (Plane, Solid, and Analytical).

(b) Algebra and Trigonometry.

(c) Calculus and Statics and Dynamics.

(3) Elementary Mechanics and Physics :—

Mechanics, Heat, Light, Sound, Electricity, and Magnetism.

(4) Chemistry (with practical).

The examination will take place in May, 1934.

Last date for notice, April 1st.

## SCHOLARS.

1920 Ernest Howarth  
1921\* Edmund Fairhurst  
Dorothy Heyworth  
1922 C. G. Sumner  
1923 A. C. Bottomley  
1924 Harold Davenport (Honorary  
Schol.)  
\*G. S. Hartley  
1925 Alice Speight  
1926\*F. A. Robinson  
Cecil Bellis

1927\*H. M. Parker  
\*Walter Scott  
1928 Eric Eastwood  
1929 Sam Wood  
1930 James Whittaker  
1931 L. H. Leech  
1932\*I. T. Ramsey  
Hugh McMullen  
1933 Harold Edge

## † ENTRANCE SCHOLARSHIPS IN SCIENCE.

One of these Scholarships was founded in 1894 and two others were added in 1909 by the same donor with the object of providing for deserving students the means of pursuing a course of scientific instruction in the University of Manchester, and with a view to the advancement and the introduction of new industries.

## REGULATIONS.

1. There shall be three Scholarships each of the annual value of £50 and tenable for three years.

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\* Resigned.

† Open to the competition of men only.

2. One Scholarship shall be offered every year.

3. In awarding the Scholarship preference in the first instance shall be given to boys who shall, during a period of at least two years, have been educated in (1) Bury Grammar School, Municipal Secondary School or Technical School; (2) Heywood Grammar School or Technical School; (3) Stockport Grammar School, Municipal Secondary School or Technical School.

4. Failing any candidate from any of these schools who shall be considered of sufficient merit, the Scholarship may be awarded to any boy who shall have, during a period of at least two years, been educated in any School in Lancashire or Cheshire.

5. The successful candidate will be required to enter for and to pursue with due diligence a regular course of study for a degree of the University in the Faculty of Science or of Commerce.

6. The Scholarships shall be awarded as the University may from time to time determine.

7. Any surplus income that may from time to time arise after payment of the amounts of the Scholarships may be applied in increasing payments to the scholars or in giving additional Scholarships or exhibitions or prizes to unsuccessful candidates, or may be accumulated and the income of the accumulations applied in increasing the amounts of the Scholarships or in founding additional Scholarships.

8. The subjects of examination will be :

(1) An English Essay.

(2) *Three* of the following, of which not more than *two* may be taken from Group B :

A. (i.) Mathematics (Three papers, of which (c) is optional) :—

(a) Geometry (Plane, Solid, and Analytical).

(b) Algebra and Trigonometry.

(c) Calculus and Statics and Dynamics.

(ii.) Elementary Mechanics and Physics :—

Mechanics, Heat, Light, Sound, Electricity, and Magnetism.

B. (iii.) Chemistry (with practical).

(iv.) Botany (with practical).

(v.) Zoology (with practical).

(vi.) Geology (with practical).

The examination will take place in May, 1934.

Last date for notice, April 1st.

## SCHOLARS.

*Under New Regulations.*

- 1920 Fred Ashworth (Bacup and Rawtenstall Secondary School)  
 James Gregory (Leigh Grammar School), (Special Scholarship)  
 1921 John Whitworth (Heywood Secondary School)  
 1922 Henry Tomlinson (Kirkham Grammar School)  
 1923 A. C. Finch (Warrington Secondary School)  
 1924 J. P. Moyle (Stockport Grammar School)  
 1925 W. F. Butterworth (Stockport Grammar School)  
 1926 F. C. Stott (Heywood Grammar School)  
 1927 Clifford Stead (Stockport Grammar School)  
 1928 Alfred Housley (Stand Grammar School, Whitefield)  
 1929\* A. J. McCall (Wigan Grammar School)  
 S. T. Harrison, (Hulme Grammar School, Manchester)  
 1930 Dennis Kafkevitch (*later Kay*) (Manchester Central High School  
 for Boys)  
 1931 Edgar Holland (Stand Grammar School, Whitefield)  
 1932\* M. D. Milne (Stockport Secondary School)  
 1933 N. S. Billington (Crewe County Secondary School)

## JOHN BUCKLEY ENTRANCE SCHOLARSHIP IN SCIENCE.

Founded in 1893, by the Executors of the late John Buckley, Esq., of New Delph, near Manchester, in accordance with the provisions of his will.

## REGULATIONS.

1. The Scholarship is of the value of £50 per annum, tenable for three years, and will be awarded triennially in June.

2. The subjects of examination will be :

(1) An English Essay.

(2) *Three* of the following, of which not more than *two* may be taken from Group (B) :—

A. (i.) Mathematics (Three papers of which (c) is optional :

(a) Geometry (Plane, Solid, and Analytical).

(b) Algebra and Trigonometry.

(c) Calculus and Statics and Dynamics.

(ii.) Elementary Mechanics and Physics :—

Mechanics, Heat, Light, Sound, Electricity, and Magnetism.

B. (iii.) Chemistry (with practical).

(iv.) Botany (with practical).

(v.) Zoology (with practical).

(vi.) Geology (with practical).

\* Resigned.

3. The successful candidate will be required to read for an Honours School in Science in the University of Manchester.

The next competition will take place in May, 1934.

Last date for notice, April 1st.

SCHOLARS.

*Under New Regulations.*

1922 Stanley Keys  
1925 Joseph Sherratt

1928 Leslie Howarth  
1931 F. A. Langley

BLEACKLEY ENTRANCE SCHOLARSHIP.

Founded in 1898 under the will of the late E. O. Bleackley, Esq.

REGULATIONS.

1. The Scholarship is of the value of £20 per annum, and tenable for three years.

2. Competitions will be held at such dates as the funds of the Scholarship permit.

3. The subjects of examination will be :

(1) An English Essay.

(2) *At least two of the following :—*

(a) Botany (with practical).

(b) Zoology (with practical).

(c) Geology (with practical).

4. Successful candidates are required to enter for a degree course of the University of Manchester in Arts or Science.

5. The Scholarship shall determine if the Scholar shall fail to acquit himself satisfactorily in the annual class examinations, or shall have failed to pass the regular University examinations for his degree course.

The next competition will take place in May, 1934.

Last date for notice, April 1st.

SCHOLARS.

1921 Enid H. Almond  
Muriel M. Edwards  
1924 Marjorie Wilkinson  
1927 No award.

1928\* Louisa Riley  
G. A. Richardson  
1931 Betty Harrop

JOHN RUSSELL MEDICAL ENTRANCE SCHOLARSHIP.

Founded in 1925 under a bequest of Miss Ann Russell, of Cheetham Hill, Manchester, in memory of her uncle.

REGULATIONS.

1. The Scholarship shall be of the value of £45, tenable for one year, and offered annually.

\* Resigned.

2. Candidates must satisfy the conditions for entrance to the Faculty of Medicine.

3. Candidates must take, in the Entrance Scholarships Examination, an English Essay paper together with at least four papers of three hours each.

NOTE.—In some subjects more than one paper is set. Where a practical examination is held, the written paper and the practical examination are regarded as one paper. Mechanics, Heat, Light, Sound, Electricity, and Magnetism, is regarded as one paper.

4. Successful candidates are required to enter for the First M.B. course of the University.

5. The Scholarship shall be open to both men and women candidates.

6. Any accumulations resulting from non-award or otherwise shall be used at the discretion of the Council either for increasing the value of the Scholarship, or for awarding a second Scholarship or a special prize or exhibition, or for continuing the tenure of the Scholarship for a second year.

7. Applications must be sent in by April 1st in the year of award.

The examination will be held in May, 1934.

#### SCHOLARS.

1926 C. H. Gray  
1927 J. N. Strauss  
1928 J. A. Hobson  
1929 Margaret I. Willinius

1930 David Halpern  
1931 G. H. H. Renham  
1932 Gerald Garmann  
1933 No award

#### THE DRESCHFELD MEMORIAL SCHOLARSHIP.

Founded in 1908 by Mrs. Dreschfeld and former colleagues and students, and other friends, in memory of the late Julius Dreschfeld, Professor of Medicine in the University of Manchester.

#### REGULATIONS.

1. The Scholarship shall be of the value of £20, tenable for two years, and awarded triennially.

2. Candidates must satisfy the requirements of the General Medical Council, or must previously have satisfied such requirements.

3. Candidates must take, in the Entrance Scholarships Examination, an English Essay paper together with at least four papers of three hours each.

NOTE.—In some subjects more than one paper is set. Where a practical examination is held, the written paper and the practical examination are regarded as one paper. Mechanics, Heat, Light, Sound, Electricity, and Magnetism, is regarded as one paper.

4. Successful candidates are required to enter for the First M.B. course or for the first year of the course of the Conjoint Colleges, or for the Preliminary Scientific Examination of the London University.

5. The Scholarship shall be open to both men and women candidates.

6. Applications must be sent in by April 1st in the year of award.

The examination will be held in May, 1934.

#### SCHOLARS.

1922* Benrice Webb	} <i>Divided between</i>	1928 John Boardman
A. H. Baker		1931 H. L. H. Laurence
1925 R. V. Wright		

#### CHARLES JOHN ADAMS SCHOLARSHIPS.

Founded in 1910, under a bequest of £4,000 made by the late Rev. E. L. Adams.

#### REGULATIONS.

1. Three Scholarships, to be called the Adams Scholarships, shall be instituted, each of the value of £50, tenable for three years. One Scholarship shall be offered for competition each year.

2. No age limit shall be imposed on candidates.

3. The Scholarships will be awarded on the results of the examination for Entrance Scholarships. Candidates are required to take :

- (a) An English Essay.
- (b) A Modern Language other than English, and
- (c) At least three other papers chosen from the papers set in the Entrance Scholarships Examination.

Candidates may take a paper on Political Economy either in addition to, or in substitution for one of the subjects under (c).

4. On election candidates must enter the Faculty of Commerce and prepare for the degree of B.A. (Com.), devoting their whole time to University work.

5. The Scholarships shall not be tenable with any other University Scholarship or Exhibition.

6. The balance of income, if any, arising from the Adams Fund shall be set aside for providing additional Scholarships or Bursaries from time to time for students in the Faculty of Commerce in need of assistance; such Scholarships or Bursaries to be awarded on the recommendation of the Vice-Chancellor and the Dean of the Faculty.

The examination will be held in May, 1934.

Last date for notice, April 1st.

#### SCHOLARS.

1920 John Jewkes	1927 Henry Chessell
Frank Whitmore ( <i>Spec. Addit.</i>	1928 Sidney Reeves
<i>Scholarship</i> )	Louisa Riley ( <i>Spec. Bursary</i> )
1921 Mabel Clough	1929*J. S. Fletcher
Gilbert Jenkins ( <i>Spec. Bursary</i> )	Kathleen M. Langton ( <i>Spec.</i>
1922*W. F. Fleet	<i>Bursary</i> )
O. T. Brown	1930*W. H. Goddard
1923 Harry Campion	Sidney Reeves ( <i>Spec. Bursary</i> )
1924*Helen N. Vernon	1931 Gerardus Krafft
1925 W. B. Hall	1932 T. B. Shorter
1926*J. G. Taylor	1933 Mary Burgess

#### LEWIS ATKINSON ENTRANCE SCHOLARSHIP IN COMMERCE.

Founded in 1925 under a bequest of £1,100 by the Executors of the late Mr. Lewis Atkinson, of Manchester, under discretionary powers vested in them by his will.

#### REGULATIONS.

1. A Scholarship to be called the Lewis Atkinson Entrance Scholarship in Commerce shall be instituted of the value of £45, tenable for three years.

2. No age limit shall be imposed on candidates.

3. The Scholarships will be awarded on the results of the examination for Entrance Scholarships. Candidates are required to take:

- (a) An English Essay.
- (b) A Modern Language other than English, and
- (c) At least three other papers chosen from the papers set in the Entrance Scholarships Examination.

Candidates may take a paper on Political Economy either in addition to, or in substitution for one of the subjects under (c).

4. On election candidates must enter the Faculty of Commerce and prepare for the degree of B.A.(Com.), devoting their whole time to University work.

5. The balance of income, if any, arising from the Lewis Atkinson Fund shall be set aside for providing additional Scholarships or Bursaries from time to time for students in the Faculty

of Commerce in need of assistance, such Scholarships or Bursaries to be awarded on the recommendation of the Vice-Chancellor and the Dean of the Faculty.

The examination will be held in May, 1935.

Last date for notice, April 1st.

#### SCHOLARS.

1927\* Florence Unsworth

1928 C. F. G. Dimbleby

1931 No award

1932 T. K. Kewley

#### † DORA MUIR ENTRANCE SCHOLARSHIP.

Founded in 1899 by Mr. Alexander Muir, in memory of his daughter, the late Mrs. Alfred Haworth, a former student and associate of Owens College.

#### REGULATIONS.

1. The Scholarship is of the annual value of £30, tenable for three years, and awarded triennially.

2. The Scholarship is open to women candidates who intend to enter the University of Manchester.

3. Candidates must be under the age of 20 years at the date of the commencement of the examination.

4. The Scholarship will be awarded on the results of the examinations for the Entrance Scholarships.

5. Candidates must take, in the Entrance Scholarships Examination, an English Essay paper together with at least four papers of three hours each.

NOTE.—In some subjects more than one paper is set. Where a practical examination is held, the written paper and the practical examination are regarded as one paper. Mechanics, Heat, Light, Sound, Electricity, and Magnetism, is regarded as one paper.

6. Successful candidates are required to enter for a degree course of the University in Arts or Science, or in any other Faculty now open, or which shall hereafter be open to women.

7. With the sanction of the Senate this Scholarship may be held with any other Scholarship or Exhibition in the University or with a County Council Scholarship.

8. In case there shall be any surplus income of the trust funds either through the non-award of the Scholarship or otherwise, the surplus shall be applied as may from time to time be determined

\* Resigned.

† Open to the competition of women only.



by the Council either in increasing the amount of the Scholarship in any year, in the award of a prize or prizes for women students, or for the assistance of deserving women students.

The next competition will be held in May, 1935.

#### SCHOLARS.

1920 Mabel Pollard	1929 Martha A. Winstanley
1923 Florence White	1932 Maria I. Renwick
1926 Jenny Crawshaw	
Vera Taylor (Special Schp.)	

#### \*J. W. KIDDLE ENTRANCE SCHOLARSHIP.

Founded in 1928, under a bequest of about £1,965 made by the late Rev. J. W. Kiddle, to assist promising youths of Manchester and Salford to pass from the Manchester Grammar School to the University of Manchester.

#### REGULATIONS.

1. The Scholarship is of the value of £50 per annum, and is tenable for three years. It will be offered triennially, but an additional Scholarship may be offered from time to time when the Fund permits.

2. Candidates must be pupils of the Manchester Grammar School who have resided in the City of Manchester or in the City of Salford for a period of not less than one year previous to the first day of the examination.

3. Candidates must take, in the Entrance Scholarships Examination, an English Essay paper together with at least four papers of three hours each.

NOTE.—In some subjects more than one paper is set. Where a practical examination is held, the written paper and the practical examination are regarded as one paper. Mechanics, Heat, Light, Sound, Electricity, and Magnetism, is regarded as one paper.

4. The Scholar will be required to enter in the session immediately following the award upon a course of study leading to a degree in the University.

The Scholarship will be offered for competition in May, 1935

Last date for notice, April 1st.

#### SCHOLARS.

1929 D. F. Alison
A. N. Merchant (Special Schp.)
1932 Mark Cohen
G. B. Priest

## \* GRAMMAR SCHOOL ENTRANCE SCHOLARSHIPS.

Administered under a scheme of the Board of Education, 1904.

## REGULATIONS.

1. These Scholarships, each of the annual value of £20 and tenable for three years, have been founded for better enabling scholars of the Manchester Grammar School, entering as students at the University of Manchester, to defray the expenses of such studentship.

2. Candidates must, at the date of their entrance into the University, be not less than 16 nor more than 20 years of age, and must have been pupils in the School for not less than three years immediately preceding the examination.

3. Candidates must take, in the Entrance Scholarships Examination, an English Essay paper together with at least four papers of three hours each.

NOTE.—In some subjects more than one paper is set. Where a practical examination is held, the written paper and the practical examination are regarded as one paper. Mechanics, Heat, Light, Sound, Electricity, and Magnetism is regarded as one paper.

4. The Electors are the Vice-Chancellor of the University, the High Master of the Grammar School, and the Recorder of the City of Manchester, or any two of them.

5. Successful candidates will be required to enter upon a course leading to a degree in the University.

The Scholarship will be offered in May, 1935 and 1936. It will not be offered in 1934.

Last date for notice, April 1st.

## SCHOLARS.

1920+ J. R. Clarke  
Henry Vogel  
1921 Richard Greenhalgh  
1922 S. A. Wood  
1923 C. E. Padfield  
1924 R. B. Darby

1926 S. S. Andrew  
1927 N. B. Fletcher  
1929 J. A. Hallsworth  
1930 No award  
1932 S. B. Caldwell  
1933 No award

## TOM JACKSON ENTRANCE SCHOLARSHIP.

The Scholarship was established by the University Council in 1928 under a bequest of £1,000 made by the late Mr. Tom Jackson, of Bolton. The Council directed that, in the first instance, the scholarship should be offered for competition by candidates resident in the County Borough of Bolton.

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\* Open to the competition of men only.

† Resigned on election to another Scholarship.

## REGULATIONS.

1. The Scholarship is of the value of £45 per annum. It will be awarded triennially and will be tenable for three years in any Faculty of the University.

2. The competition will be open, in the first instance, to candidates who, or whose parents, are and have been, for a period of not less than one year prior to the date of examination, *bona fide* resident in the County Borough of Bolton. Failing such candidates of sufficient merit the Scholarship may be awarded to any other candidate in the entrance scholarships examination who has attained the necessary standard.

3. Candidates applying under the above preferential clause as to residence are required to submit evidence with their application.

4. Candidates must take, in the Entrance Scholarships Examination, an English Essay paper together with at least four papers of three hours each.

NOTE.—In some subjects more than one paper is set. Where a practical examination is held, the written paper and the practical examination are regarded as one paper. Mechanics, Heat, Light, Sound, Electricity, and Magnetism, is regarded as one paper.

5. The successful candidate will be required to enter in the session immediately following the award upon a course leading to a degree in the University of Manchester.

The examination will be held in May, 1936.

Last date for notice, April 1st.

## SCHOLARS.

1930 Cyril Berens  
1933 Esther J. Park

## STALYBRIDGE ENTRANCE SCHOLARSHIP.

Founded in 1921 from the donation made by Stalybridge subscribers to the Manchester University Appeal Fund.

## REGULATIONS.

1. The Scholarship is of the value of £25 per annum, tenable for three years, and will be awarded triennially in June.

2. The competition shall be confined to candidates whose parents are, and have been for a period of not less than two years prior to May 1st in the year of award, *bona fide* resident within the Municipal Borough of Stalybridge. Evidence of this qualification satisfactory to the University must be submitted.

3. Candidates must take, in the Entrance Scholarships Examination, an English Essay paper together with at least four papers of three hours each.

NOTE.—In some subjects more than one paper is set. Where a practical examination is held, the written paper and the practical examination are regarded as one paper. Mechanics, Heat, Light, Sound, Electricity, and Magnetism, is regarded as one paper.

4. Successful candidates will be required to enter for, and to pursue, a course of study leading to a degree in any one of the Faculties of the University.

The Scholarship will be offered in 1934.

Last date for notice, April 1st.

SCHOLARS.

1922 Robert Newton  
1925-32 No award  
1933 Edwin Bentley

JOHN KENWORTHY BYTHELL MEMORIAL SCHOLARSHIPS.

Founded in 1917 from funds subscribed as a tribute to the memory of the late John Kenworthy Bythell, who from the year 1887 until his death in the year 1916 was a Director, and for 22 years Chairman, of the Manchester Ship Canal Company.

REGULATIONS.

1 The Scholarships shall be each of the value of £50 per annum. One Scholarship shall be awarded triennially, and a second from time to time as may be notified.

2. The Scholarships shall normally be tenable for three years, but the Trustees may at any time suspend or terminate the Scholarship of any candidate whose conduct or progress has been reported as unsatisfactory.

3. The Scholarships shall be awarded on the results of the Entrance Scholarships Examination of the Victoria University of Manchester.

4. The competition shall be open in the first instance to candidates of either sex who have been in the employment or service of the Manchester Ship Canal Company, to their children, and to the children of deceased employees and servants of the Company. Failing such candidates, the Trustees may award the Scholarships to any candidate of sufficient merit in the above-mentioned examination.

Candidates who apply under the special clause are required to furnish, with their application, satisfactory evidence of their eligibility.

5. No candidate shall be eligible whose age shall be less than 16 years (17 in the case of a woman) on the first day of November in the year of award, but there shall be no maximum age limit.

6. Candidates must take, in the Entrance Scholarships examination, an English Essay paper together with at least four papers of three hours each.

NOTE.—In some subjects more than one paper is set. Where a practical examination is held, the written paper and the practical examination are regarded as one paper. Mechanics, Heat, Light, Sound, Electricity, and Magnetism, is regarded as one paper.

7. No Scholarship shall be awarded except to a candidate who has reached a proper standard of proficiency.

8. A successful candidate shall be required to enter on a University Certificate or Degree Course in some Faculty of the University (other than the Faculty of Technology\*) at the beginning of the session following the award.

9. Notice of intention to compete must be sent to the Registrar not later than April 1st of each year in which a Scholarship is offered for competition.

10. These Scholarships may be held concurrently with other Scholarships, provided that the permission of the Trustees is obtained.

Notice will be given of the next offer.

Last date for notice, April 1st.

#### SCHOLARS.

1923 W. H. Taylor  
1925 Arthur Page  
1926 J. G. Seddon  
1927 H. M. Parker

1929 C. D. Finch  
1931 Doris I. H. Gonthard  
1933 D. H. Organ

#### \*† WILLIAM SIMPSON EXHIBITION.

Founded in 1886 under the will of the late Mrs. Alice Fay, and revised by a scheme of the Board of Education in 1901.

#### REGULATIONS.

1. The Exhibition of at least £25, tenable for not more than three years, will be offered for award in May, 1934.

2. The Competition will be open, in the first instance, to candidates who or whose parents are and have for a period of not less than three years prior to October 1st in the year of award been *bona fide* resident in the area formerly known as

\* For Scholarships offered under this scheme tenable in the Faculty of Technology, see the Prospectus of the Faculty of Technology.

† Open to the competition of men only.

the Township of Moston. Failing these the Trustees have power to appoint other candidates. All candidates must be not less than 16 or more than 21 on October 1st before the year of award.

3. Candidates coming under the above clause as to residence are required to send evidence on application for the Exhibition.

4. Candidates must take, in the Entrance Scholarships Examination, an English Essay paper together with at least four papers of three hours each.

NOTE.—In some subjects more than one paper is set. Where a practical examination is held, the written paper and the practical examination are regarded as one paper. Mechanics, Heat, Light, Sound, Electricity, and Magnetism, is regarded as one paper.

The examination will be held in May, 1934.

Last date for notice, April 1st.

#### EXHIBITIONERS.

1920 A. E. Oxford  
1922 Lawrence Lyons  
1924 R. L. Hall  
1926 J. S. Parkinson

1928\* Victor Lamb,  
Geoffrey Gee  
1930 F. H. Moon  
1932† A. H. Williams  
A. L. Garrett

#### \*\*\* † ALICE FAY EXHIBITION.

Founded under the will of the late Mrs. Alice Fay, and revised by a scheme of the Board of Education in 1904.

#### REGULATIONS.

1. The Exhibition of at least £25, tenable for not more than three years, will be offered for award in May, 1934.

2. The Competition will be open, in the first instance, to candidates who or whose parents are and have for a period of not less than three years prior to October 1st in the year of award been *bona fide* resident in the area formerly known as the Township of Moston. Failing these the Trustees have power to appoint other candidates. All candidates must be not less than 16 or more than 21 on October the 1st before the year of award.

3. Candidates coming under the above clause as to residence are required to send evidence on application for the Exhibition.

\* Resigned on election to another Scholarship.

† Open to the competition of women only.

‡ Resigned.

4. Candidates must take, in the Entrance Scholarships Examination, an English Essay paper together with at least four papers of three hours each.

NOTE.—In some subjects more than one paper is set. Where a practical examination is held, the written paper and the practical examination are regarded as one paper. Mechanics, Heat, Light, Sound, Electricity, and Magnetism, is regarded as one paper.

The examination will be held in May, 1934.

Last date for notice, April 1st.

#### EXHIBITIONERS.

1920 Phyllis Beacall	1926 May Priestley
1922 Annie Buckley	1928 Mary P. Lithgow
1924* Amy Greenwood	1930 Hilda Lofthouse
Edna Bibby	1932 Olive Stansfield
Elsie G. Geller (Spl. Exhibition)	

#### WILLIAM HULME BURSARIES.

These Bursaries were established by the University Council in accordance with the provisions of the schemes for the Hulme Trust.

#### REGULATIONS.

1. Two Bursaries of the value of £40 each, tenable for three years, shall be offered annually.

[NOTE.—An additional Bursary may be awarded in the year 1934.]

2. The Bursaries are tenable at any licensed Hall of Residence at the University but up to and including the session 1939–40 preference will be given in the case of one of the Bursaries to candidates who desire to reside in Dalton Hall, Hulme Hall, Ashburne Hall, or Langdale Hall.

3. Candidates must take, in the Entrance Scholarships Examination, an English Essay paper together with at least four papers of three hours each.

NOTE.—In some subjects more than one paper is set. Where a practical examination is held, the written paper and the practical examination are regarded as one paper. Mechanics, Heat, Light, Sound, Electricity, and Magnetism, is regarded as one paper of three hours.

4. The award will be made by a special Sub-Committee of the Entrance Scholarships Committee, in consultation with the Heads of the Halls concerned.

5. No candidate will be awarded a Bursary unless the Committee are satisfied of the necessity for financial assistance.

6. The Senate, after due consideration of financial circumstances, may allow the Bursaries to be held with other Scholarships or exhibitions.

7. Candidates must state on their form of application the Hall of Residence which they desire to enter, and must give alternatives in order of preference.

8. The Bursaries will be paid in each year of tenure as to two-thirds on registration as a student and on presenting a certificate of having been admitted to a Hall of Residence, and the balance of one-third at the end of January, subject to a satisfactory report on work and conduct.

9. No person shall be eligible for a Hulme Bursary who has not competed at the same examination for a University Entrance Scholarship.

The Bursaries will be offered in May, 1934.

Last date for notice, April 1st.

#### BURSARS.

1930	P. A. Hufton ( <i>Dalton Hall</i> )	} <i>Divided between</i>
	* Fred West ( <i>Hulme Hall</i> )	
	F. H. Moon ( <i>Hulme Hall</i> )	
	Cyril Berens ( <i>Hulme Hall</i> )	
1931	Elsa M. Hedges ( <i>Ashburne Hall</i> )	} <i>Two divided between</i>
	Leslie Twyford ( <i>Hulme Hall</i> )	
1932	Joseph Thorpe ( <i>Dalton Hall</i> )	
	* A. H. Williams ( <i>Dalton Hall</i> )	
	Gerald Garmany ( <i>St. Anselm Hall</i> )	} <i>Two divided between</i>
	J. W. McGuinness ( <i>Hulme Hall</i> )	
	Maria I. Renwick ( <i>Ashburne Hall</i> )	
1933	W. H. Chaloner ( <i>Dalton Hall</i> )	
	James Barnes ( <i>Dalton Hall</i> )	} <i>Two divided between</i>
	N. S. Billington ( <i>Hulme Hall</i> )	
	Harold Gaskell ( <i>Dalton Hall</i> )	
	Albert Law ( <i>Hulme Hall</i> )	
	Kathleen Watson ( <i>Ashburne Hall</i> )	

#### UNIVERSITY SCHOLARSHIPS FOR WOMEN. (SPECIAL FUND.)

These Scholarships have been instituted to enable suitable women students to pursue a course of study in the University.

There will be offered for award on the results of the Entrance Scholarships Examinations in May, 1934, a Rachel Scott Scholarship of the value of £50, with a preference for candidates intending to specialise in Philosophy or Classics; a Lydia Kemp Scholarship, open to candidates from Rochdale, with a preference for students proposing science courses; and a "1918" Scholarship of the value of £50. The Scholarships are tenable for three years.

The financial circumstances of candidates, including other Scholarships which they may hold, are taken into account in awarding these Scholarships; and successful candidates are required to enter an Honours School, should there be an Honours School in the Faculty in which they attend a course. Particulars of the Scholarships may be had from the Honorary Secretary, Mrs. Hope Hogg, 8, Circular Road, Withington, Manchester.

\* Resigned.



## SCHOLARS.

RACHEL SCOTT SCHOLARSHIP.  
(£50 a year for three years.)  
1919 Annie Gaskell  
1922 Sybil Cooke  
1925 Gertrude E. Weatherhead  
1928 Audrey Bullough  
1931 Gwendolen M. Sewell

EMILY SIMON SCHOLARSHIP.  
(£25 a year for three years.)  
1921 Margaret McDougall  
1923 Jane Moulton  
1925 Ena Kenadjian  
1928 Elizabeth B. Mason  
1933 Helen Townend

LYDIA KEMP SCHOLARSHIP.  
(£30 a year for three years.)  
1919 Annie Watson  
1922 Beatrice Webb  
1925 Dorothy S. Boothman  
1928 Margaret K. Ashton

LYDIA BECKER SCHOLARSHIP.  
(£35 a year for three years.)  
1921 Eva M. Pearson  
1922 Phyllis Senogles  
1923 Audrey Felton

"1918" SCHOLARSHIPS.  
1918 Margaret Atkinson  
Laura M. Midgley  
1919 Florence Ashworth  
1920 Rachel Ireland  
Agnes D. Croft  
1921 Dorothy Heyworth  
1924 Marjorie Wilkinson  
Elsie G. Geiler  
Amy Greenwood  
Hilda MacCormack  
1926 Jenny Crawshaw  
Kathleen A. Payne  
Vera Taylor  
1927 Dorothy E. Whiteley  
Sylvia M. C. Jackson  
Elith A. Kay  
1928 Evelyn C. Addis  
1929 Ruth E. Johnston  
Elsie Brooks  
Sylvia Hall  
1930 Hilda Lofthouse  
Mary W. Shield  
Margaret F. Cliff  
1931 Elsa M. Hedges | *Divided*  
Nora Wilkinson | *between*  
1932 Dora Bannister  
Maria I. Renwick  
Joyce E. Southan  
1933 Beryl J. Trickett  
Kathleen Watson  
GRADUATE STUDENTSHIP  
(£50 for one year.)  
1922 Elizabeth G. Mitchell, B.A.

FOR ENTRANCE SCHOLARSHIPS IN MEDICINE AND FOR DAUNTESEY  
MEDICAL JUNIOR SCHOLARSHIPS, SEE PAGES 768 AND 766.

## II. Entrance Scholarships tenable at the University, but not awarded on the University Entrance Scholarships Examinations.

### LEWIS ATKINSON ENTRANCE SCHOLARSHIP IN ELECTRICAL ENGINEERING.

Founded in 1925 under a bequest of £1,100 by the Executors  
of the late Mr. Lewis Atkinson, of Manchester, under discretionary  
powers vested in them by his will.

#### REGULATIONS.

1. The Scholarship shall be called the Lewis Atkinson Entrance  
Scholarship in Electrical Engineering and be of the value of £50  
per annum. The Scholarship will be open to persons qualified  
to enter upon a Higher Course in Electrical Engineering in the  
Faculty of Technology, leading to the degree of B.Sc.Tech. with  
Honours.\*

2. The Scholarship shall be awarded triennially, and be held  
in the Department of Electrical Engineering in the Faculty of  
Technology for three years, subject to satisfactory progress and  
good behaviour.

\* For information concerning admission to Higher Courses, see page 656, or  
the Prospectus of the Faculty of Technology.

3. The holder of the Scholarship will be required to enter the University in the session immediately succeeding the date of the award and to pursue in the Faculty of Technology the Higher Course in Electrical Engineering leading to the degree of B.Sc.Tech. (Honours Division).

4. In awarding the Scholarship the financial circumstances of the candidate shall be taken into consideration. The selected Scholar need not be in poor circumstances, but he must be able to show that financial assistance is both deserved and desirable. In the event of the best candidate not requiring assistance, he may be elected as Honorary Scholar, the actual Scholarship being awarded to the most deserving candidate who is in need of assistance.

5. In selecting the Scholar attention will be paid to personality and character with the object of ensuring that, after graduation he will be fit, apart from his academic qualifications, to make a successful engineer.

6. Candidates qualified under Regulation 1 must be nominated by their Head Masters (and, if they have left school, by their employer also), who should give written evidence of the applicant's fitness as to personality, character, and ability.\* The nominations will be considered and recommendations will be made by the Dean of the Faculty of Technology and the Professors of Engineering in the Faculty of Technology.

7. Any accumulations of income which have accrued from time to time owing to non-award or otherwise may be used either for increasing the amount of the Scholarship or for the award of an additional Scholarship or Exhibition.

Date of next offer, May, 1935.

#### SCHOLARS.

1926 J. D. Forster  
1929 J. W. A. Chorley  
1932† C. P. Cooper  
1933 Douglas Todd

#### RUMNEY SCHOLARSHIP.

Founded by Robert Rumney, Esq., in 1872, for the endowment of a Scholarship tenable by artisan members of any institution in the Union of Lancashire and Cheshire Institutes.

#### REGULATIONS.

1. The Scholarship is of the value of £60 per annum, tenable for three years, and will be awarded to the artisan member of any institute in the Union of Lancashire and Cheshire

\* Forms of Nomination and Application may be obtained from the Registrar, The University, Manchester, to whom they must be returned not later than April 1st in each year of award.

† Resigned.

Institutes, who shall, at the last occasion before the Scholarship shall be vacant, obtain the highest aggregate number of marks at the May Government Science Examinations.

Candidates are required to furnish on application satisfactory evidence of their eligibility.

2. The candidate elected to the Scholarship will be required to attend during three years one of the regular courses of Science or Engineering, or not fewer than three courses of lectures, provided that the total number of lectures in such courses averages at least twelve per week.

A Rumney Scholar may not hold the Ramsbottom-Webb Scholarship at the same time (see also General Regulations, pages 700 and 701).

#### SCHOLARS.

1922 William Cowen  
1927 B. J. Gorst  
1930 Harry Whittaker

#### \* \* \* DENNISON NAYLOR SCHOLARSHIPS.

Founded in 1895 by bequest of the late Miss A. J. Naylor to provide a free education at the Manchester Grammar School and at the University of Manchester for deserving boys educated at Chetham's Hospital, Manchester, or, in default of such candidates presenting themselves as are approved by the Senate and Council of the University of Manchester, for deserving boys educated at a Board School in the City of Manchester.

#### REGULATIONS.

1. Competitors must not be less than 12 or more than 14 years of age on September 1st in the year of award, and must have been educated for at least two years immediately preceding the competition in the Chetham Hospital, or, in default of candidates from the Hospital, in a Manchester Public Elementary School. A satisfactory certificate of conduct must be provided.

2. Whenever a vacancy in the Scholarship occurs, information shall be sent to the Master of the Chetham Hospital, and if, in his opinion, there are likely to be suitable candidates in the Hospital, the Senate of the University shall arrange for an examination for the selection of a Scholar, and if there be no satisfactory candidate from the Chetham Hospital, the Senate shall award the Scholarship to one of the candidates from a Public Elementary School of Manchester, at the Winter or Summer competition for the Grammar School Entrance Scholarships, and on the results of such an examination.

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\* Open to the competition of men only.

3. The Scholar will be entitled to an annual payment of £25 in the first year, £30 in the second year, and £30 in the third year of his tenure of the Scholarship of the Manchester Grammar School, such payments to be subject to a certificate of the High Master of the Grammar School of satisfactory conduct and progress of the Scholar. The Scholarship may, at the discretion of the Council of the University, be extended for a further period, not exceeding two years, on the recommendation of the High Master. During these two years the stipend of the Scholar shall be £30.

4. The Scholar shall prepare and enter in due course for the Matriculation Examination of the Joint Board.

5. On leaving the Grammar School, the Scholar shall enter for one of the degree courses, and shall, subject to the approval of the Senate, receive a Scholarship of £40 per annum, tenable for three years, subject to satisfactory conduct and progress. No Scholar shall be admitted to the University until he has passed the Matriculation Examination.

6. The Senate may offer an additional Scholarship, whether the ordinary Scholarship is or is not vacant, whenever on the report of the Council sufficient funds shall be available.

(Part of the income of the money invested is at present applied to the payment of an annuity in accordance with directions contained in Miss Naylor's will.)

#### SCHOLARS.

1930 F. L. Peacock (cancelled)  
1928 J. C. Patteson  
1927 D. V. Bingham (resigned)  
1931 J. L. Grey

#### SALFORD SCHOLARSHIPS.

Subject to the condition being satisfied that candidates are in need of financial assistance in order to enable them to enter upon and complete an approved course at the University, the Salford Education Committee will be prepared to consider the applications of Salford candidates who are recommended by the Examining Body as having reached Scholarship standard upon the results of the Higher School Certificate Examination conducted by the Joint Matriculation Board of the Northern Universities. Further information, and application forms, may be obtained from the Director of Education, Education Office, Chapel Street, Salford, 3.

For list of Scholars elected by the University under the old regulations, see *Calendar* for 1929-30, page 678.

**MANCHESTER EDUCATION COMMITTEE UNIVERSITY SCHOLARSHIPS.**

The Committee offer :

(a) Three Scholarships, each of the annual value of £60, tenable for three years in the day departments of the Municipal College of Technology.

(b) Twenty Scholarships, open to both boys and girls, of the value of £60 per annum, tenable for three years at the University of Manchester, or at any approved University or College of University standing, in the United Kingdom. The award of these Scholarships is conditional upon the Committee's approval of candidates' choice of University.

(c) Two University Scholarships for courses in Medicine, one for a boy and one for a girl, of the annual value of £60 for six years, and tenable at the University of Manchester, or other approved Universities.

In cases approved by the Committee the length of tenure of a University Scholarship, other than a Scholarship tenable at the College of Technology, may be increased to four years.

Candidates must not be less than 16 years (in the case of girls 17 years), nor more than 25 years of age on the date of entrance upon the Scholarship. Candidates must be ratepayers or children of ratepayers of the City. In the absence of a sufficient number of suitable candidates of either sex any unallotted Scholarships may be awarded to either boys or girls at the discretion of the Committee.

Forms of application and further information as to the conditions of the Scholarships may be obtained from the Director of Education, Education Offices, Deansgate, Manchester, 3.

**LANCASHIRE COUNTY COUNCIL SCHOLARSHIPS.**

Major Scholarships of the normal annual value of £60 per annum, tenable for three years, awarded on the results of the Higher School Certificate Examination.

Candidates for the Scholarships must have previously passed the Matriculation Examination of the Joint Matriculation Board or be entitled to exemption therefrom, or concurrently with the examination for Scholarships take such papers as will secure such exemption.

Particulars may be obtained from the Director of Education, County Offices, Preston.

## CHESHIRE COUNTY COUNCIL SCHOLARSHIPS.

## SENIOR SCHOLARSHIPS.

University Scholarships of maximum value of £75 (to cover class fees and railway expenses), and University Exhibitions of the maximum value of £25 per annum, tenable for three years. Particulars may be obtained from the Director of Education, County Education Offices, Chester.

**Scholarships varying in amount from £40 to £80 per annum tenable at the University, usually for a period of three years, are offered by the Education Committees of most County and Borough Councils. For particulars, apply to the Director of Education of the authority concerned.**

## \*† DALTON HALL OPEN SCHOLARSHIPS.

Two or more Scholarships of the value of from £20 to £50 a year, tenable for three years, will be offered each year and awarded on the results of the University Entrance Scholarships Examination; these are tenable at Dalton Hall and may be held along with other University Scholarships. Particulars can be obtained from the Principal, Dalton Hall, Victoria Park, to whom notice of application should be sent.

## †| HULME HALL OPEN SCHOLARSHIPS.

At least eight Scholarships and Exhibitions are offered each year. The Scholarships vary in value from £20 to £50 per annum, and are tenable for four years. Particulars may be obtained from the Warden, Hulme Hall, to whom application must be made before March 31st.

## † ST. ANSELM HALL ENTRANCE SCHOLARSHIPS.

Entrance Scholarships are offered in connection with the University Entrance Scholarships Examination. Particulars may be obtained from the Warden, St. Anselm Hall, Victoria Park.

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\* This should not be confused with the Dalton Scholarships, for which see pages 756 and 797.

† Open to the competition of men only.

‡ These Scholarships should not be confused with the University "Hulme" Entrance Scholarship for English subjects, for which see page 705 nor with the William Hulme Bursaries, see page 734.

**\*ASHBURNE HALL SCHOLARSHIPS.**

The Ashburne Hall Delegacy offer the following :

- (a) Entrance Scholarships tenable for three years :—
1. The Marjory Lees Scholarship, £40 (in 1934).
  2. The Katharine Romilly Scholarship, £50 (in 1935).
  3. The Old Ashburnians' Scholarship, £30 (in 1936).
- (b) Graduate Scholarship tenable for one year :—

A Research Studentship of the value of seventy guineas, providing board and lodging for the session at the Hall, open to graduates of any approved University, is awarded annually.

All particulars can be obtained from the Warden, Ashburne Hall, Fallowfield, Manchester.

**\*LANGDALE HALL SCHOLARSHIP.**

The Council of Langdale Hall offer an Entrance Scholarship of the value of not more than £35 a year, renewable up to four years. The candidate's school record is considered, and the selected candidate is required to write an essay. Particulars from the Warden, Langdale Hall, Victoria Park.

**EGERTON HALL SCHOLARSHIPS.**

1. Two Scholarships of the value of £100 a year for two years are offered to candidates who have taken a University Degree with high Honours.
2. Scholars reside in the Hall and read for the Manchester B.D. degree.

At the end of two years they are expected to serve in the Manchester Diocese, after ordination by the Bishop, for a period of at least four years.

3. There will be no competitive examination.

Candidates for the Scholarships should apply to the Principal, Egerton Hall, Victoria Park.

## Scholarships, Exhibitions, and Prizes awarded to and tenable by undergraduates whilst pursuing their courses of study.

**NOTE.**—1. For the lists of awards before 1910, see the *Calendars* for 1914-15 and 1915-16.

2. For the list of awards from 1910 to 1919 inclusive, see the *Calendar* for 1929-30.

### VICTORIA SCHOLARSHIP.

Endowed in the year 1852 by the late Samuel Fletcher, Esq., with the sum of £500; to which a further sum of £500 was added in 1872 by Charles James Heywood, Esq. This Scholarship, named in commemoration of the first visit of Her late Majesty Queen Victoria to Manchester, on October 10th, 1851, was founded for the promotion of the study of the Languages and Literatures of Greece and Rome.

#### REGULATIONS.

1. The Scholarship, which is normally of the value of £50, and is tenable for one year, shall be open to competition by students in the Honours School of Greek, of Latin, or of Classics, in the course of their third year of study in the University.

2. Scholars who have pursued a three years' course of study in the Honours School of Greek or of Latin will, during the year of tenure of the Scholarship, be required to pursue a course of study in the Honours School of Latin or of Greek respectively, in preparation for the Final Examination in such School, and shall not hold the Scholarship for a fourth year in the same Honours School in which they have pursued their first three years of study. Scholars who have pursued a three years' course of study in the Honours School of Classics will be required to spend the year of tenure *either* as a fourth year before taking the Final Examination of that School, *or*, if they take that Examination at the end of their third year, in preparation for the Degree of M.A. by thesis.

3. The Scholarship will be awarded on the result of a special examination to be held in the Lent term, consisting of four papers in Greek and Latin Composition, and Greek and Latin Unseen Translation. A few shorter passages intended to test the candidate's general knowledge of Ancient Life and Literature may be set in the translation papers if the Examiners so desire.

4. The Scholarship may be held subsequently to the Bishop Fraser or Oliver Heywood Scholarship, but shall not be held concurrently with either of these Scholarships.

The next examination will be held March 5th—6th, 1934.

Last date for notice, January 18th.



## SCHOLARS.

1920 T. M. Gribbin	1927 L. W. Pring
1921 No award	1928 H. M. Phillipson
1922 Doris I. Field	Nina Marshall (Addl. Schp.,
*R. P. D. Thomas	1929 E. S. Edees
1923 Ida M. Brown	1930 Elsie Baxter
1924 Elsie Birch	1931 R. G. Steven
1925 No award	1932 Sylvia J. Gibson
1926 Annie Simpson	1933 Beryl M. Collingwood

## BISHOP FRASER SCHOLARSHIPS.

In November, 1880, the College received a donation of £2,000 from the late Right Rev. James Fraser, D.D., Lord Bishop of Manchester, and Mrs. Fraser, £1,000 of which was the portion presented to the Bishop of a fund raised by public subscription on the occasion of their marriage, and with liberty to decide for what purpose it should be employed. The sum was devoted by his Lordship to the foundation of two Scholarships, to encourage proficiency in classical studies.

## REGULATIONS.

1. There shall be two Scholarships, each of the yearly value of about £40, and tenable for two years, one of which shall be offered for competition annually.

2. The examination shall be held in the Summer term of each year, and the competition shall be open to all persons, whether previously students of the University or not, provided that they have not entered upon their final year's attendance upon an Honours Course in the University. In cases of approximate equality, a preference will be given to candidates who are not more than 20 years of age on the 1st of June in the year of competition.

3. Papers shall be set (1) for translation at sight from the Greek and Latin classics, (2) for translation into Greek and Latin (prose and verse), and (3) in Greek and Roman History.

4. These Scholarships may be held only by students who undertake *either* to complete the Honours Course in Classics, *or* to complete the Honours Courses in both Greek and Latin, but a candidate will be allowed to choose as his main subject in the examination either of these languages, and his claims to a Scholarship may be judged largely by the quality of his work in that main subject.

5. A successful candidate who is a graduate in the second year of his tenure will be required to attend some other course of study approved by the Senate either in the University or in some other approved University.

6. The Examiners shall be the Professors of Greek, Latin, and Ancient History in the University, or substitutes appointed by the Senate.

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\* Resigned on election to another Scholarship.

7. A Rogers or Seaton Scholar elected to one of these Scholarships at the end of his first year of tenure of the Rogers or Seaton Scholarship may be allowed to defer for one year the tenure of this Scholarship.

The next examination will be held May 8th—10th, 1934.

Last date for notice, March 15th.

#### SCHOLARS.

1920 No award	1928 Edith A. Kav
1921 J. A. Drescher	1929 A. R. B. Lyman
J. J. Atkinson (Special Schp.)	R. G. Steven
1922 Ida M. Brown	Marion G. Chorley
1923 Elsie Birch	Anys A. Healey
1925 Dorothy Bache	Beryl M. Collingwood
1926 Margaret N. Marshall	1932 Henry McAleavy
1927 J. N. Briscoe	1933 K. G. D. Cave
E. S. Edees (Special Schp.)	

#### OLIVER HEYWOOD SCHOLARSHIP.

In June, 1887, the College received a donation of £1,150 from the late Oliver Heywood, Esq., to provide a Scholarship to be called the Oliver Heywood Scholarship, for the encouragement of the study of Classics, especially of Greek, in the Manchester University.

#### REGULATIONS.

1. There shall be one Scholarship of the value of about £50 per annum tenable for two years.

2. The Scholarship shall be awarded on the results of an examination in the Greek and Roman Classics, but a candidate will be allowed to choose as his main subject in the examination either Greek or Latin, and his claims to the Scholarship may be judged largely by the quality of his work in that main subject.

3. The successful competitor shall be required (if he have not already so entered) to enter on a course of study in the University for the degree of B.A. with Honours in one of the five Schools of (1) Greek, (2) Latin, (3) Classics, (4) History, (5) Philosophy; and if he takes either the Honours School of Greek or that of Latin he shall be required subsequently to take the Honours School in the other of the two languages; and if he takes the Honours School of History or that of Philosophy he shall attend such classes in Greek and Latin as the authorities of the University shall from time to time prescribe.

4. The Scholarship shall be tenable for two years, but shall not be held at the same time with the Bishop Fraser Scholarship, or with any other Entrance Scholarship or Exhibition, provided that a Rogers or Seaton Scholar elected to the Scholarship at the end of his first year of tenure of the Rogers or Seaton Scholarship, may be allowed to defer for one year the tenure of this Scholarship.

5. The examination shall be held in the Summer term of each year, in alternate years, or as often as the Scholarship is vacant, and the competition shall be open to all persons, whether previously students of the University or not, provided that they have not entered upon their second year's attendance upon an Honours Course of the University. In cases of approximate equality, a preference will be given to candidates who are not more than 20 years of age on June 1st in the year of competition.

6. Papers shall be set (1) for translation at sight from the Greek and Latin classics, (2) for translation into Greek and Latin (prose and verse), and (3) in Greek and Roman History.

7. The Examiners shall be the Professors of Greek, Latin, and Ancient History in the University, or substitutes appointed by the Senate.

The next examination will be held on May 8th—10th, 1934.

Last day for notice, March 15th.

#### SCHOLARS.

1920 Lillie Gregory	1928 William Smith
1921 J. J. Atkinson	1930 Mair E. Jones
1922 Arthur Ingham	1932 Marjorie Davenport
1926 H. M. Phillipson	

#### CLASSICAL PRIZE.

A Prize of the value of £5 is offered for the best piece of Latin Prose Composition, and another Prize of the same value for the best piece of Greek Prose Composition. The Prizes will be offered in alternate years. The Prize is open to the competition of all students of the Day classes of the University. The Essays are to be delivered to the Registrar not later than February 1st.

Subject, 1934, Greek Prose: "Tyranny is the best form of Government."

#### PRIZEMEN.

##### GREEK AND LATIN PROSE PRIZES.

1920 Alan Dobson	1928-30 No award	} <i>Divided between</i>
1921 T. M. Gribbin	1931 A. R. B. Lyman	
1922 No award	R. G. Steven	
1923 Elsie Birch	1932 No award	
1926 L. W. Pring	1933 L. H. Dennis	
1927 Wilson Taylor		

#### ALEXANDER HOPE KYD PRIZE IN CLASSICS.

This Prize was founded in 1926 under a bequest made by the late Rev. D. R. Kyd in memory of his son, Alexander Hope Kyd, B.A., sometime Assistant Lecturer in Classics in the University.

## REGULATIONS.

1. A Prize of the value of about £5 is offered for the best piece of Latin Composition and another Prize of the same value for the best piece of Greek Composition. The Prizes will be offered in alternate years.

The Prize for Latin Composition will be offered in the year when the Classical Prize is offered in Greek, and the Prize for Greek Composition in the year when the Classical Prize is offered in Latin.

2. The subject will be prescribed annually by the Examiners, who may set a passage for translation into verse as an alternative to the topic or passage set for prose composition.

3. The Prize is open for competition to all students of the day classes of the University.

4. The Compositions are to be delivered to the Registrar not later than February 1st.

Subject, 1934 : Latin Prose or Verse : "Dictaturae apud Italos Germanosque Exercitae."

## PRIZEMAN.

1931 Elsie Baxter  
1932-33 No award

## PERCY DORRINGTON PRIZE.

This Prize was founded by Mrs. Edith Dorrington in memory of Lieutenant Percy Dorrington, B.A., who graduated with First Class Honours in Classics in 1915 and was killed in action at Poelcapelle, Passchendaele, on October 12th, 1917, aged 22 years.

## REGULATION.

The Prize consists of books to the value of about £2. 10s., and is awarded annually to the candidate whose work in Greek in *either*

(1) The Preliminary Examination for Honours in Greek,  
*or*

(2) The Preliminary Examination for Honours in Classics,  
*or*

(3) The Qualifying Examination in Greek for candidates who are taking Honours in Latin with a view to proceeding subsequently to Honours in Greek,

is deemed by the Examiners to be of the greatest merit.

## PRIZEMEN.

1926 Annie Simpson  
1927 Margaret N. Marshall  
1928 S. J. Wilson  
1929 R. G. Steven

1930 Marion G. Chorley  
1931 Henry McAlavay  
1932 Vincent Knowles  
1933 J. G. Bell

## BRADFORD HISTORY SCHOLARSHIP.

Founded and endowed in the year 1877, with a sum of £1,200, by Miss Mary Bradford, of Higher Broughton, in the county of Lancaster, in remembrance of her late brother, William Bradford, deceased.

## REGULATIONS.

1. The Scholarship is of the value of about £50 per annum and is tenable for one year.

2. The Scholarship is awarded on the results of the Examination in Part I. for candidates in the Honours School of History held towards the close of the Summer term.

3. The competition is open to any student of the University who is reading or intends to read for History Honours. No person, however, will be eligible for the Scholarship who has already begun the last year of the Honours Course, and in determining the award of the Scholarship regard will be had to the standing of the candidates. The competition will, under these conditions, be open to candidates who have on the results of a previous competition been elected to the Scholarship.

4. The Scholar shall enter for a further year's course in the Honours School of History.

5. The prescribed subjects for the examination will be determined annually by the Faculty. Four papers of questions will be set.

The subjects of examination will be found on pages 431 - 433 and 490.

## SCHOLARS.

1920 Arthur Aspinall		1927 W. G. Weston	
1921 R. F. Treharne		1928 Mary G. Rixon	} <i>Divided</i>
1922 S. M. Houghton	} <i>Divided</i> <i>between</i>	Cyril Ward	
J. S. Rhodes		1929 Dorothy R. Whiteley	
1923 L. J. Hobbs		1930 William Mather	
1924 Harry Rothwell		1931 Elsie Farrar	} <i>Divided</i>
1925 Arthur Hughes	} <i>Divided</i> <i>between</i>	Marion H. Tomlinson	
P. D. Martyn		1932 J. S. Rockell	
1926 Wesley Hewitt		1933 A. R. Myers	

## SHUTTLEWORTH HISTORY SCHOLARSHIP.

Founded by the transfer of accumulations from the Shuttleworth Scholarship Fund.

## REGULATIONS.

1. A Shuttleworth History Scholarship of the value of £40 tenable for one year will be awarded annually on the results of the examination in Part I. for candidates for History Honours on the same conditions of tenure as the Bradford History Scholarship.

2. The Shuttleworth History Scholarship is not tenable together with the Bradford History Scholarship.

3. The Scholar shall enter for a further year's course in the Honours School of History.

The subjects of examination will be found on pages 431—433 and 490.

#### SCHOLARS.

1920 Henry Buckley	1928 Mary C. Rixon	<i>Divided</i>
1931 W. W. Kinsey	Cyril Ward	<i>between</i>
1922 S. M. Houghton	1929 L. V. Sumner	<i>Divided</i>
J. S. Rhodes	E. W. Wallbank	<i>between</i>
1923 William Roby	1930 Marion Roberts	<i>Divided</i>
1924 John Lunn	Ina S. Russell	<i>between</i>
Tom Robinson	1931 Elsie Farrar	<i>Divided</i>
1925 Arthur Hughes	Marion H. Tomlinson	<i>between</i>
P. D. Martyn	1932 E. P. Bramfit	
1926 No award	1933 E. L. Pollock	
Klaine Peeling (Special Prize)		
1927 T. F. Johnson (Honorary)		
Marie Simms		

#### MARK HOVELL MEMORIAL AND SHUTTLEWORTH HISTORY PRIZE.

##### REGULATIONS.

1. A Prize of the value of £2. 10s. will be awarded at the end of the Summer term, by the Senate, after report from the Teachers of History, to the best student completing the First Year of the course for History Honours.

2. In addition a grant of £2. 10s. from the Shuttleworth History Scholarship Fund will be awarded to the successful candidate unless otherwise determined in any case.

##### PRIZEMEN.

1920 Vernon Hallam	1927 Thomas Kelly	
R. F. Trohorne	1928 Harold Richardson	<i>Divided</i>
1921 J. S. Rhodes	L. V. Sumner	<i>between</i>
Amy Teeco	1929 William Mather	
1922 L. J. Hobbs	1930 Elsie Farrar	
1923 Harry Rothwell	1931 E. P. Bramfit	
1924 P. D. Martyn	1932 Ninetta Jucker	
1925 Edna Bibby	1933 J. W. McGuinness	
1926 Arthur Cleucross		

#### HIGHAM BOOK PRIZE IN HISTORY.

Founded in 1926 by a donation from Mr. C. S. S. Higham, M.A., formerly Reader in Modern History in the University, and Mrs. Florence M. Greir Higham, M.A., Ph.D., formerly Assistant Lecturer in History and Special Lecturer in Seventeenth Century History and Jones Fellow of the University.

##### REGULATIONS.

1. An Annual book Prize, called the Higham Prize in History, of the value of £2, will be offered on the results of Part I. Examination in the Honours School of History. The award will be made by the Senate on the recommendation of the Examiners.

2. A second Prize may be offered in any session in which there is a sum sufficient for the purpose derived from income accumulated owing to the non-award of the Prize.

## PRIZEMEN.

1927 H. G. Arnold  
1928 Thomas Kelly  
1929 F. D. Hodgkiss  
1929 Harold Richardson

1930 Ruth E. Fairweather  
1931 Marie Jones  
1932 Hilda Lofthouse  
1933 Violet Morewood

## THOMAS BROWN MEMORIAL PRIZE IN HISTORY.

Founded in 1927 by a donation from Mrs. Minnie Brown in memory of her husband.

## REGULATIONS.

An annual Prize called the Thomas Brown Memorial Prize, of the value of £10, will be offered on the result of the final examination in the Honours School of History. The award will be made by the Senate on the recommendation of the Examiners.

The Prize will be tenable with any other prize or scholarship in the University.

## PRIZEMEN.

1928 W. G. Weston  
1929 Thomas Kelly } *Divided*  
Mary C. Rixon } *between*  
1930 F. D. Hodgkiss

1931 William Mather  
1932 Marion H. Tomlinson  
1933 Fred Williamson

## SHAKESPEARE SCHOLARSHIP.

In the Autumn of 1863 a Committee was formed in Manchester to promote the celebration of the 300th anniversary of Shakespeare's birth, which fell in the Spring of 1864. The Committee resolved to employ the fund that had been raised in the endowment, in the Owens College and in the Manchester Grammar School, of Scholarships for "the promotion of the study of the English Language and Literature." The Shakespeare Scholarship in the University was endowed with the sum of £1,071. The Scholarship is of the value of about £40 per annum, and is tenable for one year.

## REGULATIONS.

1. The Scholarship will be awarded on the results of the Part I. Examination in the Honours School of English Language and Literature.

2. The successful candidate will be required to take the course of study for the Final Examination for the Degree of B.A. in the Honours School of English Language and Literature.

## SCHOLARS.

1921 Lucie I. Street  
1923 Millicent Holland } *Divided*  
Annie Sim } *between*  
1925 Mary Salmons  
1926 No award  
1927 Dorothy S. Boothman  
1928 Honor G. Hotchin

1929 Mary M. Findlay } *Divided*  
Robert Raper } *between*  
1930 Robert Metcalf  
1931 R. G. Cummings } *Divided*  
J. L. Wood } *between*  
1932 Kathleen M. Whitehouse  
1933 C. W. Lamb

## SHAKESPEARE PRIZE.

(Founded from the accumulations of the Shakespeare Scholarship Fund.)

## REGULATIONS.

1. An annual Prize, called the Shakespeare Prize, of £10 in value, will be offered for award on the results of the Part I. Examination in the Honours School of English Language and Literature.

2. In case of the accumulations arising from the non-award of this Prize being sufficient to allow of the offer of more than one Prize in any one session, two, but not more, Prizes shall be offered for competition in one session accordingly.

## PRIZEMEN.

1920 Caroline A. Lejeune	1928 Enid Wright
1921 Winnie M. Shaw	1929 William Stewart
1922 Phyllis Beacall	1930 Alice Garfield
1923 P. H. Allen	1931 J. L. Wood
1924 Mary Ireland	1932 Mary M. Williams
1925 Beatrice A. Baker	1933 E. H. Bayley } <i>Divided</i>
1926 Edith Liptrot	A. R. Taylor } <i>between</i>
1927 Cyril Talbot	

## GEORGE GISSING MEMORIAL PRIZE IN ENGLISH LITERATURE.

Founded in 1914 by the Gissing Memorial Subscribers.

A Prize of £10 will be offered for award on the results of Part I. Examination in the Honours School of English Language and Literature.

## PRIZEMEN.

1920 Freida M. Anderson	1926 Marjorie Fidler
1921 Geoffrey Bullough } <i>Divided</i>	1927 Dorothy Hallows
John Earnshaw } <i>between</i>	1928 Joan Chettle
1922 Enid I. Glen	1929 Jeanie Wilson
1923 Millicent Holland } <i>Divided</i>	1930 Dorothy Cracknell
Annie Sinn } <i>between</i>	1931 R. G. Cummings
1924 L. S. Pearson	1932 Geoffrey Farrington
1925 Anne Kirkman } <i>Divided</i>	1933 Albert Frankish
Agnes D. McLulloch } <i>between</i>	

## ENGLISH ESSAY AND POEM PRIZES.

1. Two Prizes, each of the value of £5, are offered annually for the best English Prose Essay and English Poem respectively.

2. The exercises are to be anonymous, but each should bear a motto and be accompanied by a sealed envelope bearing the same motto, and containing the name of the writer.

3. The poem is not to exceed 200 or fall short of 100 lines, and it must be written in rhymed or blank decasyllabic verse or in the Spenserian stanza.



Notice should be given and the essays and poems delivered to the Registrar not later than May 1st.

Subjects for 1934 :

Essay :—" The Art of the Novel."

Poem :—" The Conquest of Everest."

#### ESSAY PRIZE.

1920-21 No award	1926 27 No award
1922 T. C. Porteous, B.A., B.D.	1928 G. E. Thompson, B.A.
1923-24 No award	1929-32 No award.
1925 J. C. Mallison	

#### POEM PRIZE.

1920 R. E. Swire	1927 Clarissa J. Graves
1922 T. C. Porteous, B.A., B.D.	1928-29 No award
1923 Sybil Cooke	1930 L. G. Beddis, B.A.
1924 No award	1931 No award
1925 Annie Sim	1932 E. W. Forrest
1926 No award	

#### EARLY ENGLISH TEXT SOCIETY'S PRIZE

With a view to encourage the study of Early English the Committee of the Early English Text Society offer annually a selection of their publications for competition among the students in the Day classes of the Professor of English. Special examinations for this Prize will be held at the close of the session.

Next examination, May 8th, 1934.

Last date for notice, March 15th.

Subjects :—" The Old English Elegies," " The *Gawain* Poet."

#### PRIZEMEN IN THE DAY CLASSES.

1920-23 No award	1927-30 No award
1924 Millicent Holland	1931 B. A. Renshaw, B.A.
1925 J. P. Oakden	1932-33 No award
1926 Beatrice Baker	

(For list of Prizemen in the Evening Classes, see *Calendar*, 1914-15, page 837.)

#### WALTERS SCHOLARSHIPS.

Founded in 1890 by a bequest of £1,000 of the late Miss Annie Walters, of Brighton, a sister of the late Edward Walters, Esq., of Manchester, Architect. A second Scholarship was established in 1928 from accumulations in the fund.

#### REGULATIONS.

1. Two Scholarships are offered annually and are each of the value of £30, tenable for one year.

2. The competition is open in the case of one Scholarship alternately to candidates who are students in the Honours School of French and to candidates who are students in the Honours School of German, and in the case of the second Scholarship to candidates who are students in any of the Honours Schools of Modern Foreign Languages.

3. The first Walters Scholarship is awarded on the results of the Preliminary Honours Examination in the Honours School of French, and of the Part I. Examination in the Honours School of German in alternate years. In June, 1934, the award will be made in the Honours School of German.

4. The second Walters Scholarship is awarded on the results of the Part I. or Preliminary Examination in the Honours Schools of Modern Foreign Languages, and the award is made by the Fellowships and Scholarships Committee of the Senate on a report from the Examiners in the Honours Schools concerned. Should candidates from different Honours Schools be regarded as of equal merit, preference will be given to a candidate from an Honours School in which the award was not made in the previous year.

Last date for application for the second Scholarship, June 1st.

#### SCHOLARS.

1920 William Bullough	<i>Divided</i>	1928 No award	
R. S. Bolton	<i>between</i>	1929 (1) William Lawson	
1921 Annie C. Carter	<i>Divided</i>	(2) Edith Ward	
A. K. Hughes	<i>between</i>	1930 (1) J. F. Caldwell	<i>Divided</i>
1922 Norah A. Jones	<i>Divided</i>	R. A. Fothergill	<i>between</i>
Alice L. Taylor	<i>between</i>	(2) Gladys Holland	<i>Divided</i>
1923 Helen Axon		Greta N. Wrenchy	<i>between</i>
1924 Mary B. Haworth		1931 (1) W. D. Elcock	
1925 Agnes Tonsdale		(2) Isabel Munkley	
C. R. Rigby (Special Grant)		1932 (1) W. E. Anderson	
1926 Edna Turner		(2) Marcus Baker	
1927 Norman Haycocks (Honorary)		1933 (1) C. W. Baker	
Sarah Rabinowitz		(2) Doris I. H. Coulthard	

#### SAMUEL ROBINSON MODERN LANGUAGES PRIZE.

Founded by Charles J. Heywood, Esq., in memory of the late Samuel Robinson, Esq., of Wilmslow.

#### REGULATIONS.

A prize of £10 will be offered annually for competition among third year students in the Faculty of Arts in translation from and into any *two* of the following foreign modern languages :—

French, German, Italian, Spanish, Russian.

The examination will be held early in the Lent term and candidates should signify their intention of competing before December 1st preceding.

Next examination, February 9th, 1934.

Candidates when giving notice must state the two languages in which they desire to be examined.

PRIZEMEN.

1920 No award  
1921 Phyllis W. Duncan  
1922 No award  
1923 C. T. Carr  
1924 Mary E. Haworth

1925-26 No award  
1927 H. S. Jackson  
1928-32 No award  
1933 Marcus Baker

**THE MANCHESTER INSTITUTE OF BUILDERS TRAVELLING  
SCHOLARSHIPS IN ARCHITECTURE.**

These Scholarships were founded in 1921 by a donation of £3,338 made to the University by the Manchester Branch of the Institute of Builders for the encouragement of the study of Architecture by enabling students to visit and study approved buildings.

REGULATIONS.

1. The Scholarships shall be named "The Manchester Institute of Builders Travelling Scholarships in Architecture."

2. The Scholarships will be awarded by the Senate on the recommendation of a Committee appointed for the purpose, which shall consist of the Dean of the Faculty of Arts, the Professor of Architecture, the External Examiner in Architecture, and one member nominated by the Manchester Institute of Builders.

3. One or more Scholarships will be offered annually, normally of a value not exceeding £100 which may be increased for special reasons at the discretion of the Committee, and tenable for such period as the Committee of recommendation shall prescribe.

4. The buildings which candidates propose to study must be approved by the Committee on the recommendation of the Professor of Architecture.

5. The Scholarships will be open to candidates who are taking the Honours or Certificate Course in Architecture in the University of Manchester, and to full-time students in the Department who are preparing for the Associateship of the Royal Institute of British Architects. The Scholarships are primarily intended for students in their third year, but, if the standard reached is not sufficiently high, the award may be made to students in their fourth or fifth year.

6. Candidates must submit evidence satisfactory to the Professor of Architecture of an adequate knowledge of Building Construction.

7. The emoluments of the Scholarships will be paid in two instalments; the first instalment of three-quarters the total sum shall be paid to the Scholar on his election to the Scholarship.

The remaining instalment of one-quarter will be paid when the Scholar has returned and has completed his drawings to the satisfaction of the Professor of Architecture.

8. The Committee shall have power, in special cases and for satisfactory reasons, to recommend a further grant to any Scholar out of any surplus which there may be from the income of the Scholarship Fund.

## SCHOLARS.

1922 R. A. Cordingley, B.A. Elsie Rogers, B.A.		1929 T. J. Cahill D. E. E. Gibson J. A. Miller William Scott G. F. Greenaway F. M. Reynolds	
1923 R. W. Briggs, B.A. R. J. Willis, B.A.	<i>Divided equally</i>		<i>Divided between</i>
1924 Elsie Rogers, B.A. Kathleen O. Brayshaw, B.A. R. J. Willis, B.A.	<i>Divided between</i>	1930 R. A. Bullivant Iwan Ap Thomas Elizabeth M. Wollaston G. P. Whyman	<i>Divided between</i>
1925 Ellen B. Alexander G. A. Goldstraw W. H. McNicol	<i>Divided between</i>	1931 G. H. Bray Winifred M. McGowan Anna E. Powicke Harry Taylor	<i>Divided between</i>
1926 G. A. Goldstraw W. H. McNicol Archibald McLean	<i>Divided between</i>	1932 N. O. Wragge Jack Rangeley B. G. Duckett James Schofield J. W. H. Holgate	<i>Divided between</i>
1927 H. I. Ashworth Ronald Bradbury J. S. Walkden	<i>Divided between</i>	1933 W. P. Hunt R. D. Lawson J. H. Napper E. W. Williams F. C. Williams	<i>Divided between</i>
1928 J. A. Stewart Ronald Bradbury J. L. Martin	<i>Divided between</i>		

## HEYWOOD MEDAL IN ARCHITECTURE.

The Medal is provided by a grant from the Royal Manchester Institution. The regulations for the award of the Medal are at present under revision. From 1924 to 1928, a Prize of £10 was awarded annually.

## PRIZEMEN.

1924 W. H. McNicol	1927 J. A. Stewart
1925 Archibald MacLean	1928 G. F. Greenaway
1926 J. S. Walkden	

## MEDALLISTS.

1929 Elizabeth M. Wollaston
1930 Anna E. Powicke
1931 N. O. Wragge
1932 J. H. Napper
1933 Hilda Briggs.

## TIRANTI BOOK PRIZE.

The Tiranti Book Prize was offered annually from 1926 to 1932 by Messrs. John Tiranti & Co. of London for award by the University in the Department of Architecture.

## PRIZEMEN.

1926 H. I. Ashworth	1930 G. H. Gray
1927 J. A. Stewart	1931 B. G. Duckett
1928 No award	1932 W. P. Hunt
1929 R. A. Bullivant	

## DALTON MATHEMATICAL SCHOLARSHIPS.

Founded in 1853 by the subscribers to the Memorial of John Dalton.

## REGULATIONS.

1. Two Scholarships each of the value of £25 tenable for one year may be awarded annually, on the results of examinations held in the Summer term.

2. Candidates for the first Scholarship must have been students of the University for at least one session, and must have completed the first year's course in the Honours School of Mathematics. This Scholarship will be awarded on the results of the Part I. Examination in the Honours School of Mathematics.

3. Candidates for the second Scholarship must have been students of the University for at least two sessions and must have completed the second year's course in the same Honours School. This Scholarship will be awarded on the results of the Part II. Examination in the Honours School of Mathematics.

4. Holders of the first Scholarship must, in the first year of tenure, attend the second year's course in the Honours School of Mathematics, and holders of the second Scholarship must attend the third year's course in the same Honours School.

5. These Scholarships shall not be tenable with the Derby or Cartwright Entrance Scholarships, except by special permission of the Senate.

The Scholarships will be offered in 1934.

## SCHOLARS.

1920 Thomas Smith (1st year)	1927 Edith Winstanley (1st year)
T. S. Fazackerley (2nd year)	Arthur Page (2nd year)
1921 Florence Hyde	1928 B. J. Gorst
(1st year) } <i>Divided</i>	(1st year) } <i>Divided</i>
Kathleen P. Kirsop } <i>between</i>	T. C. Southworth } <i>between</i>
(1st year)	(1st year)
Thomas Smith (2nd year)	No award (2nd year)
1922 James Topping (1st year)	1929 Leslie Howarth (1st year)
Florence Hyde (2nd year)	L. R. Shenton (2nd year)
1923 W. R. Andress	1930 A. N. Merchant (1st year)
Henry Tomlinson } <i>Divided</i>	Leslie Howarth (2nd year) } <i>Divided</i>
J. W. Withrington } <i>between</i>	A. L. Ingham (2nd year) } <i>between</i>
(1st year)	1931 T. F. Battersby (1st year)
James Topping } <i>Divided</i>	A. N. Merchant (2nd year (Hon.))
Harold Wilkinson } <i>between</i>	S. R. Tibbs (2nd year (Half Schol.))
(2nd year)	1932 Beatrice M. Ingham
1924 Leonard Daly } <i>Divided</i>	(1st year) } <i>Divided</i>
E. T. Norris } <i>between</i>	Harold Sagar (1st year)
(1st year)	Albert Paynter (2nd year)
W. R. Andress (2nd year)	1933 Jack Howlett (1st year)
1925 Harold Davenport (1st year)	A. W. Gent (2nd year)
Leonard Daly (2nd year)	Beatrice M. Ingham
1926 Arthur Page (1st year)	(2nd year) } <i>Divided</i>
Harold Davenport (2nd year)	Harold Sagar (2nd year) } <i>between</i>

### MATTHEW KIRTLEY SENIOR SCHOLARSHIP IN MECHANICAL ENGINEERING.

Founded in 1923 by a bequest of the late Dame Emily Roe for the establishment of a Scholarship in connection with some branch of Mechanical Engineering.

#### REGULATIONS.

1. The Scholarship is of the value, for the present, of £100 and will be tenable for one year.

2. The Scholarship is open to Honours students in Engineering in the Faculty of Science who have completed three years of study in the University.

3. The Scholarship will be awarded on the results obtained by the candidate in the class examinations in Engineering during the three years of the course. The results of the final degree examinations may also be taken into account.

4. The successful candidate will be required, under the direction of the Professor of Engineering, either to take approved courses of study, or to undertake an approved course of research during the tenure of the Scholarship.

#### SCHOLARS.

1927 Oscar Elsdon, B.Sc.

1929 J. W. Jennings, B.Sc. (Special Grant)

1930 A. C. Hall (Special Bursary)

1931\* J. M. Fisher, B.Sc. (Special Schol.)

1932 J. L. Matheson, B.Sc.

\*Harry Taylor, B.Sc.

F. C. Williams, B.Sc.

### WILLIAM KIRTLEY SENIOR SCHOLARSHIP IN MECHANICAL ENGINEERING.

Founded in 1924 from accumulations to the Fund established under the will of the late William Kirtley, Esq.

#### REGULATIONS.

1. The Scholarship is of the value, for the present, of £80 and will be tenable for one year. It will be offered from time to time as the Council may direct.

2. The Scholarship is open to Honours students in Engineering in the Faculty of Science who have completed three years of study in the University.

3. The Scholarship will be awarded on the results obtained by the candidate in the class examinations in Engineering during the three years of the course. The results of the final degree examinations may also be taken into account.

4. The successful candidate will be required, under the direction of the Professor of Engineering, either to take approved

courses of study, or to undertake an approved course of research during the tenure of the Scholarship.

#### SCHOLARS.

1925* David Clayton	1931 Robert Yeadon, B.Sc. ( <i>Special Grant</i> )
Willie Jackson	1932 Beatrice Shilling, B.Sc.
1927 Frank Roberts, B.Sc.	John Spiers, B.Sc.
1928 J. P. Wajnfeld ( <i>Special Grant</i> )	C. S. Tanner, B.Sc.
1929 N. H. Strange ( <i>Special Grant</i> )	R. B. Whittington, B.Sc.
1931 Arnold Fitton, B.Sc.	William Fitton, B.Sc.
F. M. S. Morris, B.Sc. ( <i>Special Schol.</i> )	Hubert Law-Wright, B.Sc.
1931 W. L. Goodwin, B.Sc. ( <i>Special Grant</i> )	

#### † ASHBURY SCHOLARSHIP.

This Scholarship, founded in 1868 by James Ashbury, Esq., of Brighton, in memory of his late father, James Ashbury, Esq., of Manchester, is provided for out of a fund of about £5,000 which Mr. Ashbury gave towards the endowment of the Engineering Department.

#### REGULATIONS.

1. The Scholarship is of the annual value of £35, and is tenable for two years.

2. The Scholarship is open to all students whose age, on the 1st January next preceding the date of competition, shall not exceed 25 years, and who shall have attended during one entire session in the University the recognised courses for the Honours degree in Engineering.

3. The Scholarship will be awarded on the results of the class examinations in Engineering of the first year, and on the work done in the Engineering Laboratory and Drawing Offices. The results obtained in the Intermediate Examination will also be taken into account.

4. The successful candidate will be required to attend during the tenure of the Scholarship the prescribed courses for the Honours degree in Engineering in the Faculty of Science.

The Scholarship will be offered for award in 1935.

#### SCHOLARS.

1921 Schofield Labrow	1929 George Foster
1923 Willie Jackson	1931 P. A. Hufton
1925 J. W. H. King	1933 Haydn Templeton
1927 Albert Fogg	

#### † TREVITHICK SCHOLARSHIP.

Founded in 1888 in memory of the late Richard Trevithick, Esq., a Cornish Engineer, and one of the inventors of the railway system.

#### REGULATIONS.

1. The Scholarship, which is of the annual value of £35, is awarded every two years, and is tenable for two years.

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\* Resigned. † Open to the competition of men only.

2. The Scholarship is open to all students who shall have attended during one entire session in the University the recognised courses for the Honours degree in Engineering.

3. The Scholarship will be awarded on the results of the class examinations in Engineering of the first year, and on the work done in the Engineering Laboratory and Drawing Offices. The results obtained in the Intermediate Examination will also be taken into account.

4. The successful candidate will be required to attend, during the tenure of the Scholarship, the prescribed courses for the Honours degree in Engineering in the Faculty of Science.

The Scholarship will be offered for award in 1934.

#### SCHOLARS.

1920 H. Marsh ; *Divided*  
P. B. Silk ; *between*

1922 C. A. Bradley

1924 Frank Nixon

1926 John Briscoe  
D. I. B. Moon

(Additional Scholarship)

1928 Harold Page

1930 G. H. Kenyon

1932 Keith Butterworth

#### FAIRBAIRN ENGINEERING PRIZE.

Founded in 1874 by subscribers to the Memorial for Sir William Fairbairn, Bart., F.R.S., C.E.

#### REGULATION.

The Prize, which is of the value of £20, will be given to the student who, having completed the Engineering Course and having obtained the Certificate, shall be recommended by the Examiners as having distinguished himself in the Engineering subjects.

#### PRIZEMEN.

1920 H. C. Masterson

1921 R. J. Cornish

1922 Gerald Lyon

1923 Schofield Labrow

1924 W. K. Rooney

1925 Willie Jackson

1926 William Cowen

1927 C. F. J. Morgau

1928 John Briscoe ; *Divided*  
A. E. Johnson ; *between*

1929 J. G. Jagger

1930 F. L. Smith

1931 George Foster

1932 F. C. Williams

1933 P. A. Hufton

#### HATFIELD SCHOLARSHIP.

Founded in 1906 by a legacy of £1,250 left by the late George Hatfield, Esq., of Colwyn Bay.

#### REGULATIONS.

1. The Scholarship which is of the value of £35 is offered annually and is tenable for one year.

2. The Scholarship will be awarded in the subject of Physics to a student at the end of the second year of his Honours course, and will be tenable in the third year of his Honours course.



3. In special cases, and when the funds permit, the Scholarship may be renewed by the Senate for a second year provided that in the second year of tenure the Scholar shall pursue an approved course of study in the University or other approved Institution.

## SCHOLARS.

1921 A. J. Hailwood		1928 Jack Finney	
1922 James Gregory	} <i>Divided between</i>	Fenton Braithwaite	} <i>Divided between</i>
Orrell Darbyshire		1929 R. A. H. Hope	
1923 Samuel Causey		J. S. Hoy	} <i>Divided between</i>
1924 G. H. Cashen		1930 Eric Eastwood	
1925 W. H. Taylor		1931 Philip Parker	
1926 Fred Baird	} <i>Divided between</i>	1932 Ronald Liddington	} <i>Divided between</i>
Fred Fothergill		T. H. Reynolds	
1927 Charles Dunbar		1933 Leo Connell	

## HEGINBOTTOM EXHIBITION.

Founded in 1875 by George Heginbottom, Esq., of Ashton under-Lyne and Birkdale.

## REGULATIONS.

1. The Exhibition is of the value of about £25.
2. The award shall in each case be made on the results of the annual class examinations in the subjects of the first year's course (including Laboratory work) in the Honours School of Physics. The successful candidate shall have attended the First Year's Honours Lecture Class in Physics during the preceding session.
3. The Exhibition is tenable for one year on condition that the Exhibitioner during the session of his tenure shall attend the Physical Laboratory for not less than two days weekly.

## EXHIBITIONERS.

1920 A. J. Hailwood		1928* H. M. Parker	
1921 S. A. Walker		J. S. Hey	
1922 Samuel Causey		1929 Deborah Jackson	} <i>Divided between</i>
1923 W. E. Dawson	} <i>Divided between</i>	T. S. Walker	
Ellis Livesey		1930 Philip Parker	
1924 G. W. Brindley		1931 Ronald Liddington	} <i>Divided between</i>
W. H. Taylor		T. H. Reynolds	
1925 Fred Baird		1932 Leo Connell	} <i>Divided between</i>
J. M. Bruckshaw		Leslie Twyford	
1926 R. G. Wood		1933 Eric Pickup	
1927 Cecil Bellis			

## MOSELEY PHYSICS PRIZE.

Founded in 1921 by the subscribers to the memorial to the late H. G. J. Moseley, Lecturer in Physics in the University from 1910 to 1912, afterwards John Harling Fellow, killed in action, Gallipoli, August, 1915.

## REGULATIONS.

1. The Prize is of the value of about £3, and will be awarded annually to a student in the Honours School of Physics.

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\* Resigned.

2. The Prize money is to be expended on books on Physics or allied branches of science, to be selected by the prize winner, subject to the approval of the Professor, or Professors, of Physics.

3. The Prize is awarded annually in June by the Senate, on the recommendation of the Professor, or Professors, of Physics; the recommendation will be based on the candidate's work in the Honours School of Physics, and the prize will normally be awarded to a second-year student.

4. The award will not be made in any year in which there is no candidate who has, in the opinion of the Professor, or Professors, of Physics, reached a sufficiently high standard of attainment.

5. Any accumulations arising from the non-award of the Prize may be utilised in increasing the value, or number, of the Prizes in subsequent sessions.

## PRIZEMEN.

1921 A. J. Halliwood	1927 R. G. Wood
1922 James Gregory	1928 Thomas Willcox
1923 W. A. Wood	1929 H. M. Parker
1924 James Thewlis	1930 Deborah Jackson
1925 G. W. Brindley	1931 Arthur Jones
Elsie M. Firth	1932 Arthur Porter
1926 N. A. Alston	1933 Amy A. Smith
J. M. Bruckshaw	

## WOODIWI SCHOLARSHIP IN CHEMISTRY.

Founded in 1897 by the executors of the late James Woodiwi, Esq., in accordance with the provisions of his Will, and offered as an Exhibition until 1928, when the income of the fund was increased by the investment of accumulations.

## REGULATIONS.

1. The Scholarship is of the value of £35 per annum and is tenable for one year.

2. The Scholarship is awarded on the results of the examination in Part I. for candidates in the Honours School of Chemistry.

3. The Scholar shall enter for a further year's course in the Honours School of Chemistry.

4. The Scholarship will not be tenable with any other Scholarship or Exhibition awarded by the University, except by special permission of the Senate.

## EXHIBITIONERS.

1920 Harold Taylor	1924 Arthur Finch
1921 A. E. Oxford	1925 No award
1922 William Bradley	1926 F. L. Hudson
John Ritchie	1927 Alfred Stubbs
1923 H. R. Leech	1928 No award

## SCHOLARS.

1929 Jack Rigg	1932 James Whittaker	
1930 Geoffrey Ogden	1933 E. G. Cockbain	Divided
1931 E. R. B. Jackson	D. D. Eley	between
Louis Linnell		

## HILL PRIZE IN BIO-CHEMISTRY.

Founded in 1923 from an endowment given by Professor A. V. Hill, F.R.S., Nobel Laureate, formerly Brackenbury Professor of Physiology in the University, to assist the development of the subject of Bio-Chemistry by promoting closer co-operation between the Departments of Physiology and Chemistry.

## REGULATIONS.

1. A Prize of the value of £8 will be offered annually for a thesis containing evidence of original research (theoretical or practical) on a subject in Bio-Chemistry presented by a past or present student in the Department of Chemistry or of Physiology who is a graduate of the University of not more than two years' standing, provided that, in the case of a graduate in an Honours School who proceeds to a degree in Medicine, permission to compete for the Prize may be given during a period of two years after graduation in the Faculty of Medicine.

2. Candidates are not precluded from utilising in the competition the whole or any part of the work done for a thesis for a degree.

3. Notice of intention to compete, and of the title of the thesis, must be given not later than December 1st, and the thesis must be delivered to the Registrar not later than January 15th in the session in which the award is to be made.

4. The Examiners shall be the Professors of Chemistry and of Physiology for the time being, who shall submit to the Senate their recommendations for award.

5. The Council shall have power to modify these regulations on the recommendation of the Senate as and when it may be found necessary.

Last date for notice, December 1st.

Last date for submission of thesis, January 15th.

## PRIZEMEN.

1927	Eric Royland
1928	Cæcilia E. M. Pugh, M.Sc.
1929-33	No award

## DALTON NATURAL HISTORY PRIZE.

Founded with the Dalton Scholarships (see pages 756 and 797).

## REGULATIONS.

1. The Prize, which is of the value of £15, is awarded annually in June on the results of the terminal examinations in the subjects of the Prize, viz. :

(1) Zoology, including laboratory work.

(2) Botany, including laboratory work.

(3) Geology and Palæontology, including the identification of selected fossils, together with the recognition of the strata to which they severally belong.

2. Every candidate for this Prize must have attended classes in those subjects which he selects, and at least one of such classes during the session immediately preceding the award of the Prize.

#### PRIZEMEN

1920 Ann Bishop		1927 Ruth Charlesworth	<i>Divided</i>
1921 O. D. Hunt	} <i>Divided</i> <i>between</i>	Jack Shirley	<i>between</i>
William Leach		Kathleen A. Payne	<i>Divided</i>
1922 O. B. Lean		Kathleen E. Sconce	<i>between</i>
1923 Gladys Nash	} <i>Divided</i> <i>between</i>	1929 Joan Francke	<i>Divided</i>
Frances M. Marshall		Katharine S. Nichols	<i>between</i>
1924 No award		1930 F. W. Cope	
1925 D. P. Wilson		1931 J. C. Hayes	} <i>Divided</i> <i>between</i>
Audrey Felton		Tom Warwick	
1926 Marjorie Wilkinson		1932 Olive Pooley	
		1933 Betty Harrop	

#### LILY SPENCE PRIZE IN BOTANY.

##### REGULATIONS.

1. A Prize, of the value of £2, will be awarded annually, on the recommendation of the Professors of Botany.

2. The Prize will consist of Books to be chosen with the approval of the Professors of Botany.

3. Though the Prize will usually be awarded to the most deserving student in Botany, who is taking the Second Year of the Botany course, it may be awarded to a student of the First or Third Year, but in this case the Prize will not be awarded to the holder of the John Dalton Natural History Prize.

#### PRIZEMEN.

1920 Kathleen M. Drew	1928 Mary Hadfield	} <i>Divided</i> <i>between</i>
1921 Elizabeth G. Mitchell	Sylvia M. G. Jackson	
1922 Winifred M. Gibbs	1929 Elfrida Bailey	
1923 Alice Quinn	1930 Rowena M. Ferguson	
1924 Beryl Monks	1931 C. D. R. Dawson	
1925 Marjorie Wilkinson	1932 Allan Allsopp	
1926 Doris Collyer	1933 Barbara M. Jones	
1927 Kathleen A. Payne		

#### DAUNTESEY SCHOLARSHIPS.

Mrs. Catherine Dautesey-Foxton, of Agecroft Hall, Pendlebury, who died on March 31st, 1878, bequeathed to the Owens College the sum of £5,000 for the purpose of establishing and endowing Scholarships, to be called respectively the "Dautesey Legal" and the "Dautesey Medical Scholarships." (For the latter, see pages 766 and 767.) Under the Dautesey Legal Scholarships Fund there are established a Junior Scholarship (see below), a Senior Scholarship (see page 806), and a Prize in International Law (see page 764).

## DAUNTESEY JUNIOR LEGAL SCHOLARSHIP.

## REGULATIONS.

1. The Scholarship is of the value of £40 per annum, and is tenable, in the first instance, for one year, but may be renewed for a second year on a satisfactory report from the Faculty of Law as to the progress of the Scholar.

2. The Scholarship is offered annually and is awarded on the result of the Intermediate Examination for the degree of LL.B.

3. The Scholar is required during his tenure of the Scholarship to devote himself to a course of study for the degree of LL.B. with Honours in the University.

4. The Scholarship will not be awarded in any year in which, in the opinion of the examiners, there is no candidate of sufficient merit.

## SCHOLARS.

*Under Old Regulations.*

<i>Group A.</i>	<i>Group B.</i>
1920 H. R. Jones	1920-22 No award
Isabel Ritchie	1923 W. C. Taylor
1921 R. G. Cooke	1924 R. Y. Hedges
<i>Additional Scholarship:</i>	1925 J. S. Rhodes
Eric Emmett } <i>Divided</i>	
Edith Hesling } <i>between</i>	
1922-23 No award	
1924 A. H. W. Wragg	
1925 No award	

*Under New Regulations.*

## JUNIOR SCHOLARS.

1926 Janet E. Mack	1930 David Blank	} <i>Divided</i> <i>between</i>
1927 G. W. Cowley	A. N. Patterson	
1928 H. R. Hodgson	1931 No award	
1929 F. A. Howarth	1932 E. L. Thackray	
	1933 Betty V. Entwistle	

## DAUNTESEY PRIZE IN INTERNATIONAL LAW.

## REGULATIONS.

1. The Prize is of the value of £20, and is offered annually on the results of a special examination held in May.

2. Candidates must be students of the University who have passed the Intermediate Examination for the degree of LL.B. and are reading for the degree of LL.B. with Honours.

3. The examination will consist of three papers: (1) Public International Law, (2) Private International Law (Conflict of Laws), (3) An essay paper.

4. A successful competitor will not be allowed to compete for the Prize a second time.

5. The Prize will not be awarded in any year in which, in the opinion of the examiners, there is no candidate of sufficient merit.

6. The Prize will be awarded by the Senate on the recommendation of the Board of the Faculty of Law. The examiners will be the examiners in Law for the time being.

Next examination : May 8th—9th, 1934.

Last date for Notice : March 15th.

#### PRIZEMEN.

1931 F. A. Howarth

1932 F. W. Towns

David Blank (*Special Prize*)

1933 J. P. M. Carr

#### THE VICE-CHANCELLOR OF THE COUNTY PALATINE OF LANCASTER'S PRIZES.

Founded in 1890 by the late Vice-Chancellor Bristowe, continued by the late Vice-Chancellors Robinson, Hall, Leigh-Clare, Dudley Stewart-Smith, and Lawrence, and now given by His Honour Sir Courthope Wilson, Vice-Chancellor of the County Palatine of Lancaster.

#### REGULATIONS.

1. Two Prizes of books, each Prize being of the value of five guineas, are awarded in June on the results of the Class Examinations in connection with the advanced courses in (1) Equity, (2) Real Property and Conveyancing.

2. The books shall be of a legal character, selected by the winner of the Prize and approved by the Professors of Law.

3. The Prizes are open to the competition of all students who shall be under the age of 25 years on June 1st in the year in which the Prizes are awarded, and who shall not have been called to the Bar or admitted on the Roll of Solicitors on or before that day, and who have attended the course of lectures in connection with which the examinations respectively are held, and have obtained from the Professor or Lecturer a certificate of regularity of attendance.

4. Both Prizes may be awarded to the same student, either in one year or in successive years, but a student who has once gained the Prize in either subject is not eligible to hold the Prize a second time in the same subject.

5. The Prizes shall be awarded by the Senate of the University, with the concurrence of the Manchester Incorporated Law Society, on the certificate of the Professor or Lecturer of the respective subjects for which they are given.

PRIZEMEN.  
*Under New Regulations.*

EQUITY.		REAL PROPERTY AND CONVEYANCING.	
1920	A. H. Wood	1920	A. H. Wood
1922	H. E. Jones	1924	R. G. Cooke
	Ivan Secoulov		G. B. Roberts
1923	R. Y. Hedges	1923	R. Y. Hedges
	W. C. Taylor	1924	No award
1924	F. N. Battersby	1925	Allan Winterbottom
1925	H. S. Fitzpatrick	1926	J. S. Rhodes
	J. S. Rhodes	1927	Harry Myers
1926	Denis Hyde	1928	Joseph Faulkner
1927	J. E. Davis	1929	F. H. Dean
1928	Ivy Pollockoff	1930	F. A. Howarth
1929	Gerard Ryder	1931	J. I. Caulfield
1930	H. R. Hodgson	1932	David Blank
1931	Philip Fox	1933	R. F. Clough
1932	David Blank		
1933	J. P. M. Carr		

PEACOCK PRIZE.

Founded by the late Mrs. John Peacock in memory of her husband.

Under arrangements made with the Manchester Incorporated Law Society a Prize of about £5 is offered at the end of the University Easter term for the student who shall have been certified by the University authorities to have passed the best examination in the Principles of the Law of Real and Personal Property and Conveyancing held during the year preceding the end of such term in connection with the advanced courses in the Faculty of Law during the preceding year. The competition is limited to students articulated to solicitors in Manchester and Salford.

PRIZEMEN.

1920	A. H. Wood	1928	Nancy M. Brown
1921	No award	1929	No award
1922	H. E. Jones	1930	Gerard Ryder
	R. Wilson	1931	J. I. Caulfield
1923-25	No award	1932	David Blank
1926	J. S. Rhodes	1933	F. F. Clough
1927	Harry Myers		

DAUNTESY MEDICAL JUNIOR SCHOLARSHIPS.

Formerly the Dauntsey Medical Entrance Scholarships, the regulations of which were modified in 1924.

REGULATIONS.

1. These Scholarships are open to students preparing for a Medical qualification. Candidates must be not more than 25 years of age on the first of October in the year of competition.

2. Two Scholarships are offered annually, each of the value of £50. Scholars must continue the full course of Medical studies in the University of Manchester.

3. The first moiety of the Scholarship will be paid to the Scholar on registration for the Medical session immediately succeeding the award, and the second moiety at the end of the

Michaelmas term in the session next after the award, but the second moiety will only be paid if the work and conduct of the Scholar for the preceding year have been satisfactory.

4. The Scholarships are to be awarded on the aggregate results of the First M.B., Ch.B. Examinations (Chemistry, Physics, Botany, and Zoology).

5. The Examiners shall be the Internal Examiners in the subjects of the First M.B., Ch.B. Examinations.

6. Candidates who are not members of the University are required to send notice to the Registrar of their intention to compete, on or before February 15th each year.

#### SCHOLARS.

##### *Under Old Regulations.*

1920 <i>First</i> , John Sims	} <i>Divided</i>	1922 <i>First</i> , Maurice Sheehan
<i>Second</i> , Robert Cotter		<i>Second</i> , Kathleen Sheehan
L. J. Frosser	} <i>between</i>	1923 <i>First</i> , A. H. Baker
1921 <i>First</i> , F. H. Smirk		<i>Second</i> , Robert Newton
<i>Second</i> , J. H. Kitson		1924 Robert Newton (Special Grant)

##### *Under New Regulations.*

1925 R. W. Luxton	} <i>Divided</i>	1930 D. H. Mackay	} <i>Divided</i>
F. N. Marshall		J. A. Hobson	
L. C. Wright		H. J. Wade	
1926 Winifred Dean	} <i>between</i>	Margaret I. Williams	} <i>between</i>
A. L. Kenyon		1932 Cyril Berens	
1927 C. H. T. Wade		Jacob Goldman	
Florence Nightingale	} <i>Divided</i>	David Halpern	} <i>between</i>
R. V. Wright		1933 (1) A. B. White	
1928 C. H. Gray	} <i>between</i>	(2) C. D. Coe	} <i>Divided</i>
Philip Zimmerman		Katharine I. Liebert	
1929 Harry Baker		Fred Stratton	
J. F. Heslop	} <i>Divided</i>		} <i>between</i>
Nathan Launer			

#### DAUNTESSEY MEDICAL SENIOR SCHOLARSHIP.

Instituted in 1924 from accumulations in the Dauntsey Entrance Medical Scholarship Fund, and in place of the University Prize in Medicine then discontinued.

#### REGULATIONS.

1. This Scholarship is open to all students preparing for a Medical qualification in the University of Manchester, provided that they have not commenced the fourth year of study leading to that qualification, and provided that they continue the full course of Medical studies in the University. The Senate shall have power to allow a Scholar to postpone his tenure of the Scholarship for one session in order that, with the consent of the Senate, he may pursue an advanced course in the Honours School of Anatomy or of Physiology.

2. The Scholarship is offered annually, and is of the value of £50.



3. The first moiety of the Scholarship will be paid to the Scholar on registration for the Medical session immediately succeeding the award, and the second moiety at the end of the Michaelmas term in the session next after the award, but the second moiety will only be paid if the work and conduct of the Scholar have been satisfactory.

4. The Scholarship is to be awarded on the aggregate results of the Second M.B., Ch.B. Examinations.

5. The Examiners shall be the Internal Examiners in the subjects of the Second M.B., Ch.B. Examinations.

#### SCHOLARS.

1926 F. N. Marshall	1931 W. P. Cargill	} <i>Divided between</i>
1927 W. W. Key	1932 John Charnley	
1928 R. V. Wright	Margaret I. Williams	
1929 C. H. Gray	1933 David Halpern	
1930 J. F. Heslop		

#### ENTRANCE SCHOLARSHIPS IN MEDICINE.

Founded in 1903 by the Council of the Owens College and the Medical Board of the Manchester Royal Infirmary.

#### REGULATIONS.

1. Candidates must send to the Registrar of the University on or before July 1st in each year, their names, together with a written statement of their University standing and of the subjects which they offer for examination.

2. The candidate must not be more than 24 years of age on October 1st of the year of competition.

3. Not more than two Scholarships in each year will be offered. The Scholarships are intended for persons of graduate standing of any approved University.

4. The Scholarships in each year will be offered for proficiency in Arts or Science.

5. Each candidate will be required to signify his readiness to offer himself for examination and may, if he thinks fit, submit evidence of his proficiency in :

either *Arts*.—(a) not more than *two* of the following :—

- (i.) Classics.
- (ii.) Mediæval and Modern Languages.
- (iii.) History.
- (iv.) Philosophy.
- (v.) Some other subject to be approved by the Nominating Committee.

or *Science*.—(b) either Mathematics (Pure and Applied) or any two of the following :—

- (i.) Chemistry.
- (ii.) Physics.
- (iii.) Zoology.
- (iv.) Botany.
- (v.) Physiology.
- (vi.) Anatomy.
- (vii.) Some other subject to be approved by the Nominating Committee.

6. The Scholars will be elected by the Senate on the nomination of a Committee consisting of the Vice-Chancellor, the Chairman of the Medical Board of the Infirmary, together with one other representative of the Medical Board, and two representative members of the Senate.

7. The Scholars will be required to study for a University degree in Medicine and to pursue and complete, at the University of Manchester and the Manchester Royal Infirmary, a course of study leading to a University degree in Medicine.

8. The Scholarships will not be paid in cash, but will be set off to an amount not exceeding 160 guineas as against class fees payable to the University and as against fees payable to the Infirmary.

9. The University and/or the Infirmary shall make further charges at the usual rate of fees if a Scholar continues his studies beyond the full period required by the examining Board, provided that the University and/or the Infirmary may waive this regulation in any individual case for sufficient reason.

10. The tenure of the Scholarship will be subject to the conditions of tenure in the general regulations relating to Fellowships, Scholarships, Exhibitions, and Prizes.

Last date for application, July 1st.

#### SCHOLARS.

1920 Elsie Catlow, B.Sc.	1927 W. S. Dyson, B.A. (Cambridge)
S. P. Wilson, M.Sc. Tech.	Rupert Sykes, B.Sc. (London)
1921 Wm. Brockbank, B.A. (Cambridge)	1928 E. D. Portman, B.Sc.
C. N. H. Long, B.Sc.	Benedict Finkleman, B.Sc.
1922* Noel S. Walls, M.Sc., Ph.D.	1929 M. C. G. Israëls, M.Sc.
Florence V. Stephen, B.Sc.	W. C. Barber, B.A. (Cambridge)
Dorothy Arning, M.A. (Oxford)	1930 T. F. Davey, M.Sc. (London)
1923 J. F. Wilkinson, M.Sc.	Eli Davis, M.Sc.
H. B. Martin, B.Sc.	R. V. Wright, M.Sc.
1924 E. Cretney, B.A. (Cambridge)	1931 W. F. Nicholson, B.A. (Cambridge)
Bessie H. E. Cadness, M.Sc.	J. A. A. L. Woodhead, M.Sc.
1925 G. L. Brown, M.Sc.	1932 Harold Burton, B.A. (Oxford)
Leslie Foulds, B.A. (Cambridge)	H. L. Settle, M.Sc.
1926* Paul Gray, B.A. (London)	1933 Mary Barnard, B.A. (Cambridge)
W. H. Newton, M.Sc.	D. L. Davies, B.A. (Oxford)

\* Resigned.

### PROFESSOR TOM JONES EXHIBITION IN ANATOMY.

Founded in memory of the late Professor Thomas Jones, in 1901, by a Committee of Subscribers.

The Exhibition is intended to further the study of Human Anatomy as a necessary introduction to Practical Surgery.

#### REGULATIONS.

1. The Exhibition shall be of the value of £25.
2. The Exhibition shall be offered annually for competition to Medical students who have commenced the study of Anatomy in the preceding twelve months.
3. The Exhibition shall be open to all Medical students who have satisfactorily attended, during the Summer and Michaelmas terms immediately preceding the award of the Exhibition, the regular courses of instruction in Human Anatomy (lectures and practical) in the University.
4. The Exhibition shall be awarded at the end of the Lent term on the results of the Class Examinations (written and practical) in Human Anatomy, supplemented, if necessary, by special examinations, either written, practical, or *viva voce*.
5. The Exhibitioner shall be required to continue his studies in Human Anatomy and to act as prosector in the Anatomy Department in the University during the year following the award of the Exhibition.

#### EXHIBITIONERS.

1920 Evelyn M. Holmes	1927 C. H. T. Wade
1921 L. J. Prosser	1928 C. H. Gray
1922 May Johnson	1929 J. F. Heslop
1923 Kathleen Sheehan	1930 Eileen M. Hughes
1924 H. P. Osborne	1931 John Charnley
1925 F. N. Marshall	1932 E. N. Rowlands
1926 Dorothy A. Geller	1933 Nydia E. Panton

### SIDNEY RENSHAW JUNIOR PRIZE IN PHYSIOLOGY.

Founded in 1898 by Dr. J. W. Renshaw, in memory of his son, Sidney Renshaw, of Ash House, Stretford, student in Medicine at the Owens College from 1895 to 1897.

In 1930, accumulations from the Fund made possible also the offer of a Senior Prize.

#### REGULATIONS.

1. The Prize, which is of the value of £10, will be offered annually and will be open for competition to all students who shall have attended, for not less than two sessions, a regular course of study in the University of Manchester for a degree in Science or

Medicine, or for a diploma in Medicine, and who shall have attended the General Course in Physiology in the session immediately preceding the examination.

2. The Prize will be awarded on the papers set in the Second M.B., Ch.B. Examination in Physiology in March in each year together with an additional paper of a more advanced character which must be taken by all candidates for the Prize.

Students who are preparing for a degree in Science or for a Diploma in Medicine and are not candidates at the Second M.B., Ch.B., Examination will be allowed, without payment of fee, to take at that examination the papers in Physiology prescribed for candidates for the Prize.

Last date for notice, February 15th.

#### PRIZEMEN.

##### *Under Old Regulations.*

1920 Leslie Morris		1927 M. C. G. Isaacs	<i>Divided between</i>
1921 Hilda M. Linford	<i>Divided between</i>	W. W. Kay	
H. Lupton		1928 Eli Davis	
D. Rainage (Special Prize)		1929 C. H. Gray	
1923 F. H. Smirk		1930 J. F. Heslop	
1923 Raymond Whitehead		1931 W. P. Cargill	
1924 W. H. Newton		1932 John Charnley	
1925 J. F. Wilkinson		1933 David Halpern	
1926 F. N. Marshall			

#### TURNER MEDICAL PRIZES.

Founded in 1872, in memory of the late Thomas Turner, Esq., F.R.C.S., of Manchester, one of the founders of the Manchester Royal School of Medicine, now incorporated with the Manchester University.

#### REGULATIONS.

1. Two Prizes, each of the value of 10 guineas, will be offered annually to the competition of all students in the Faculty of Medicine who have completed a course of Medical study in the University extending over a period of not less than three years nor more than six years, in which the subjects of the examination shall have been included.

2. The Prizes are awarded on the papers set in the Final examinations in Medicine for the degrees of M.B., Ch.B. of the University, one on the examination held in July and one on the examination held in December of each year, provided that it is open to any students who have fulfilled the requirements of Regulation 1 to enter into competition, whether they are candidates for the degrees of M.B., Ch.B., or not.

3. The Prizes will be awarded upon the recommendation of the Examiners that the candidates recommended have attained a standard worthy of being recognised by the award.

Last date for notice : July Examination, May 1st ; December Examination, October 20th.

## PRIZEMEN.

1920 Annie E. Somerford	1927 Muriel M. Edwards	} <i>Divided between</i>
1931 G. V. Ashcroft	Josephine Walmsley	
Margaret Single	1929 Donal Sheehan	
1922 Ada Furniss	1930 F. N. Marshall	
1923 L. J. Witts	W. W. Kay	
1924 Hilda M. Linford	1931 G. G. B. Smyth	
1925 F. H. Smirk	1932 D. L. Griffiths	
1926 Kathleen Sheehan	1933 J. F. Heslop	
Florence Whitrow		

## DUMVILLE SURGICAL PRIZES.

Founded in 1872 by Mrs. Dumville for the endowment of a Prize in Surgery in memory of her husband, A. W. Dumville, Esq.

## REGULATIONS.

1. Two Prizes each of the value of £15 will be offered in July of each year and will consist of books or surgical instruments at the option of the successful candidate.

2. Candidates must have studied in the Faculty of Medicine of the University of Manchester and at the Manchester Royal Infirmary during the Summer session immediately preceding the examination and the two preceding Winter sessions, and have attended four courses of lectures, including those on Systematic Surgery and Practical Surgery.

3. The Prizes will be awarded on the results of the final examinations in Surgery held in the Michaelmas and Summer terms, provided that it is open to any students of the final year, whether they are candidates at the M.B., Ch.B., examination or not, to enter into competition. The Prizes will be awarded only upon the specific recommendation of the Examiners that the candidate recommended has attained a standard worthy of being recognised by the award of the Prize.

Last date for notice, June 1st.

## PRIZEMEN.

1920 G. L. Taylor	1929 Donal Sheehan
1931 H. L. Sheehan	1930 A. L. Kenyon
1932 Hilda Pratt	1931 Nancy N. Carter
1923 L. J. Witts	1932 D. L. Griffiths
1924-27 No award	J. S. Parkinson
1928 Alice M. Butterworth	1933 J. C. Morris

## JOHN HENRY AGNEW PRIZE.

Founded in 1892 by a bequest of the late John Henry Agnew, Esq.

## REGULATIONS.

1. The Prize, which is of about the value of £30, is open to the competition annually of all students in the Faculty of Medicine who have pursued a regular course of medical study in the University extending over a period of not less than four years or more than six, and who have attended the systematic course of lectures on Diseases of Children.

2. The Prize is awarded on the results of an examination, partly written and partly Clinical, in Diseases of Children, Medical and Surgical. There will be one paper of three hours in the Medical portion of the subject, and one paper of two hours in the Surgical portion.

3. The Prize may be awarded to the successful candidate wholly in money, or in books or instruments to an amount equal to the value of the Prize, or partly in the purchase of books or instruments, and partly in money. The books or instruments shall be selected with the approval of the Dean of the Faculty of Medicine.

4. The Examiners will be the Lecturer in Diseases of Children, the Professor of Surgery, and such one other Professor or Lecturer in Medicine or Surgery as the Faculty of Medicine may from time to time appoint.

Next examination, June 7th—8th, 1934.

Last date for notice, May 1st.

#### PRIZEMEN.

1920 Sylvia K. Hickson	1928 No award
1921 Margaret Single	1929 (1) Donal Sheehan
1922 No award	(2) Edith M. Booth
1923 Marjorie A. Grant	1930 A. L. Kenyon
1924 Hilda M. Linford	1931 Isaac Sutton
1925 G. H. H. Booth	1932 D. L. Griffiths
1926 Kathleen Sheehan	1933 Louis Rich } <i>Divided</i>
1927 A. H. Baker	Eric Vernon } <i>between</i>

#### WILD PRIZE IN PHARMACOLOGY.

Founded in 1927 under an endowment given by Robert Briggs Wild, M.D., M.Sc., F.R.C.P., Leech Professor of *Materia Medica* and Therapeutics in the University from 1901—1927, to encourage the study of Pharmacology and Pharmaceutics in the University.

#### REGULATIONS.

1. A Prize of the value of £10 will be offered annually for a thesis containing evidence of original research in a subject in Pharmacology or Pharmaceutics by a past or present student of the University of Manchester.

2. Candidates are not precluded from utilising in the competition the whole or any part of the work presented within the previous twelve months for a thesis for a degree.

3. Notice of intention to compete, and of the title of the thesis, must be given not later than May 1st, and the thesis must be delivered to the Registrar not later than June 1st in the session in which the award is to be made.

4. The Examiners shall be appointed by the Senate on the recommendation of the Faculty of Medicine.

5. The recommendation of the Examiners for the award of the Prize shall be submitted to the Senate.

6. Accumulations consequent on the non-award of the Prize shall be devoted to increase in the capital of the endowment.

7. The Council shall have power to modify these regulations, on the recommendation of the Senate, as and when it may be found necessary.

Last date for sending in theses, June 1st.

Last date for notice, May 1st.

#### PRIZEMEN.

1929 E. D. Portman  
1930 Benedict Finkleman  
1931 M. C. G. Israëlis

1932 Eli Davis  
1933 H. L. Settle

#### SILVER MEDALS IN PHARMACEUTICS.

Founded in 1930 by James Grier, M.Sc., Ph.C., and by Harry Brindle, B.Sc., Ph.C.

Two Silver Medals shall be offered annually for award by the Senate on the results of the terminal examinations and on the class records to the candidates who shall acquit themselves with the greatest distinction in all the subjects :—

(a) Of the Chemist and Druggist course ;

(b) Of the Pharmaceutical Chemist course and the B.Sc. course, second and third years, in the same subjects ; provided that no medal shall be awarded to a candidate who has not attained a sufficiently high standard of distinction.

#### MEDALISTS.

##### *Pharmaceutical Chemistry and B.Sc. Courses.*

1929 E. R. Meacham  
1930 No award  
1931 E. S. Bissell  
1932 S. L. Prescott

##### *Chemist and Druggist Course.*

1929 Eva Warburst  
1930 Frank Taylor  
1931 Kathleen C. Whitaker  
1932 Harold Auld

#### HARGREAVES MUSICAL SCHOLARSHIP.

The Hargreaves Exhibitions were founded in 1882 under a bequest of the late Hamer Hargreaves, Esq., for the promotion of musical education.

Under a scheme of the Charity Commissioners, dated January 28th, 1896, a Scholarship will be offered for competition under the following regulations.\*

#### REGULATIONS.

1. The Scholarship is of the value of £30 per annum and is tenable for two years. A second Scholarship may be awarded in any year in which the funds permit, provided that two candidates of sufficient merit present themselves.

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\* The Hargreaves Scholarships, formerly tenable in the Evening Classes of the University, were by the same scheme withdrawn.

2. The Scholarship will be awarded on the results of the First Examination for the degree of Bachelor of Music and of an examination in Practical Music, to students who are prepared to follow during the session next succeeding such examination the course prescribed by the University for the Second Examination for the said degree; provided that every candidate to whom any such Scholarship is awarded shall show proficiency in Sacred Music, and shall have reached a sufficient standard of merit in the subjects of both the theoretical and practical examination; and that the practical examination shall test the proficiency of every candidate as an executant in some special branch of music.

3. The Scholarship may be continued for a second year to any Scholar who has passed the second examination for such degree as aforesaid, provided such Scholar follows in the University the course prescribed for the third examination for the said degree.

The next competition will be in June, 1934.

#### SCHOLARS.

1920 C. L. West	1926-29 No award
1921 Irvin Cooper	1930 T. D. Passey
Frederick Morrison	1931 Annie D. Snowball
1928 F. W. Dickerson	1932 T. D. Passey ( <i>Special Bursary</i> )
1924 George Parker	1933 No award
1925 T. E. T. Griffiths	

#### SHUTTLEWORTH ECONOMIC SCHOLARSHIP.

In the year 1865 Mrs. Elizabeth Shuttleworth, of Manchester, founded this scholarship in memory of her late husband, John Shuttleworth, Esq., and endowed it with the sum of £1,250. The Scholarship is founded for "the promotion of the study of Political Economy."

#### REGULATIONS.

1. The Scholarship is of the value of £50 and is awarded annually.

2. The competition will be open to any person who shall have been a student in the day classes in the University during not less than three consecutive sessions, during at least one session of which a course in Political Economy shall have been included.

3. The award will be made by the Senate on the result of an examination in Political Economy; candidates may also present any previously written work on an economic subject in support of their claims.

4. The successful candidate will be required to pursue in the University in the session immediately following the award an approved course of study or research on a subject in Economics. In special cases the Senate may grant permission for the whole or some portion of the period of tenure to be spent in some other approved institution.



5. In special cases, when the Fund permits, an additional grant not exceeding £20 may be made from the Fund to the Scholar by the Council to assist him in carrying out his research.

Next examination, May 8th—9th, 1934.

Last date for notice, March 15th.

#### SCHOLARS.

1920 No award	1935 Harry Campion } <i>Divided</i>
1921 T. M. Lester, B.A.	W. P. Powell } <i>between</i>
1922* C. T. Brunner } <i>Divided</i>	1926-27 No award
John Jewkes } <i>between</i>	1928 Jack Stafford
1923 S. I. Ambrose	1929 Edward Rogers
1924 Leonard Cohen (Special Grant)	1930-32 No award
	1933 Dorothy E. Smith

#### GLADSTONE MEMORIAL PRIZE.

Founded in 1900 by the Gladstone Memorial Committee.

#### REGULATIONS.

1. The Prize will be awarded annually and will be of the value of £10.

2. The Prizeman shall have the option of receiving books of the value of £10, or books of the value of £5 and £5 in money.

3. The Prize will be awarded either on (a) a special examination in Political Economy held towards the end of the session, or (b) an essay on a subject announced at the beginning of the session and presented on or before a given date during the session.

4. Candidates must be students of the University who have attended at least three hours a week in the session in which the examination is held.

In 1934, the Prize will be awarded on a special examination in Political Economy to be held on May 8th.

Last date for notice, March 15th.

#### PRIZEMEN.

1920 S. R. Chaloner } <i>Divided</i>	1925 No award
T. C. Locker } <i>between</i>	1926 C. D. Campbell
1921 W. E. Salt } <i>Divided</i>	1927 No award
H. Leather } <i>between</i>	1928 C. H. Travis
1922 George Breeze	1929-31 No award
1923 No award	1932 Barbara F. Birley
1924 Gilbert Jenkins	1933 No award

#### COBDEN CLUB PRIZES.

Three Book Prizes are offered by the Committee of the Cobden Club for students in each of the three classes in Political Economy held in the University in each session.

A second Book Prize may be offered in any of the three classes.

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\* Resigned. Full Scholarship awarded to John Jewkes.

## PRIZEMEN.

DAY CLASS.		EVENING CLASS.
1920 R. F. Treharne	A. Wilson	F. L. Wright
1921 Annie M. Smith	Phyllis A. Manning	W. Matthews
1922 J. Jewkes		H. L. Marsden
1922 Marjorie Rogers	C. H. Marsh	No award
1922 J. B. Andrew		
1923 S. I. Ambrose	Gilbert Jenkins	No award
1924 C. D. Campbell	.....	S. E. Hodgkinson
1925 Elsie Einmott	.....	S. J. Dunn
1926 No award	.....	No award
1927 Jack Stafford	Brenda Hall	George Smith
1928 No award	.....	No award
1929 Edward Rogers	R. L. Graham	Joseph Boswell
1930 No award	.....	James McHugh
1931 G. G. Dobson	.....	J. C. Gaukröger
1932 C. E. Ruddin	Eileen D. Winder	No award
1933 Philip Chantler	T. B. Shorter	No award

## COBDEN PRIZES [Political Economy].

Founded by the Cobden Memorial Committee, for the endowment of money prizes to be offered in each session to such teachers or assistant teachers in schools within either of the cities of Manchester and Salford, supported wholly or in part by public funds or public contributions, if any, or failing such, then to such other students at the University as shall pass the best examination in Political Economy or connected subjects.

The Prizes, £10 and £5 in value, are awarded annually on the results of the sessional examinations for the Evening classes.

## PRIZEMEN.

First Prize.	Second Prize.
1920 D. H. Hudson	1920 Margaret I. G. Morris
1921 H. L. Marsden	1921-22 No award
1922 Arthur Glenn	1923 Benjamin Varley
1923 R. A. Taylor	1924-26 No award
David Kitchen	1927 J. G. Mason
1925 David Cardwell	1928 No award
1926 No award	1929 C. S. Renshaw
1927 Thomas Gerrard	1930 J. A. Owen
1928 No award	1931 No award
1929 Harold Tonge	1932 John Grundy
1930 C. E. Frost	1933 No award
1931 No award	
1932 J. M. Makin	
1933 No award	

## WARBURTON SCHOLARSHIP IN LOCAL GOVERNMENT.

Thomas Warburton, Esq., of Manchester, bequeathed to the Owens College the sum of £1,000, free from legacy duty, to be applied by the Governors of the College in such way as they might deem best for promoting and encouraging the study of the best methods of Local Government and the Law, for the time being, relating to Local Government.\* Until 1929 a prize was offered for an essay. In 1929 the prize was discontinued and the scholarship established.

\* For Warburton Lecturers, see page 90.

## REGULATIONS.

1. The Scholarship is of the value of £50 and is awarded annually.

2. The award will be made by the Senate on the result of an examination in Local Government and subjects related thereto. The successful candidate will be required to pursue in the University in the session immediately following the award an approved course of study or research in the methods of Local Government or the Law, for the time being, relating to Local Government, and must attend in the University at such hours as may be required by the Board of the Faculty of Commerce and Administration.

3. In special cases an additional grant not exceeding £20 may be made from the Fund to the Scholar by the Council to assist him in carrying out his research.

Next examination, May 8th, 1934. Last date for notice, March 15th.

## SCHOLARS.

1930 D. N. Chester  
1931 No award

1932 H. R. Page  
1933 John Grundy

## THOMAS COGLAN HORSFALL PRIZE.

This Prize was established in 1922 from a fund raised by representative citizens of Manchester to commemorate the public services of Mr. T. C. Horsfall, M.A., and to encourage "research work in connection with civic problems, including those which relate to health, recreation, and the diffusion of artistic training and culture, the aim which inspired his virtual creation of the Horsfall Museum."

## REGULATIONS.

1. A Prize of £15 will be offered annually for an Essay based on investigation in a problem included in the general objects of the Prize as set out in the introductory note above.

2. The Prize will be open to :—

(a) Students and Graduates of the University.

(b) Students of Extra-Mural Classes in connection with the University.

3. Essays must be submitted to the Registrar not later than March 15th in the year of award.

4. The Prize will be awarded by the Senate on the recommendation of a committee appointed annually for the purpose.

## PRIZEMAN.

1923 J. B. Andrew, B.Com.

1924-32 No award

1933 H. R. Page, B.A. (Admin.)

## WELLINGTON SCHOLARSHIP.

Founded in the year 1852 by the late George Faulkner, Esq., who gave the sum of £500 for the purpose. The object of this Scholarship is to encourage the promotion of the critical study of the Greek Text of the New Testament.

## REGULATIONS.

1. The Scholarship is of the value of £60. It is tenable for one year.

2. The examination will be strictly confined to questions of a critical and historical nature.

3. Candidates must be students at the University, and must have attended one of the classes in Classical Greek and a class *either* in Hellenistic Greek *or* in Greek Testament. This attendance must have been made at the University, except in the case of Greek Testament, where attendance at an institution approved for this purpose may be recognised.

4. Candidates will be examined in :

A. (a) The Four Gospels and one or two other New Testament books with critical and historical questions arising out of them.

(b) Hellenistic Greek : Unseen Translation and simple Composition.

B. Prescribed works on New Testament Language, Criticism and Archæology.

5. Two Examiners shall be appointed annually on the recommendation of the Faculty of Theology.

6. The Scholar shall be required *either* (a) to attend at the University during his year of tenure a course in Greek Testament and one other class other than Greek Testament approved by the Examiners, *or* (b), to pursue at the University or at some other approved institution research in New Testament studies approved by the Senate.

7. The Scholarship shall be offered for competition at the beginning of the Michaelmas term in alternate years. In case of the non-award of a Scholarship in any year, it shall be offered in the next ensuing year.

Next examination, October 4th—5th, 1933. If no award is made in 1933, the Scholarship will be offered in 1934.

Last date for notice, June 15th.

## SPECIAL SUBJECTS.

For 1934.

1. The Four Gospels.
2. I. Corinthians.
3. Streeter, *The Four Gospels*; Blake & Lake, *The Caesarean Text of Mark* (Harvard Theological Review, xxi. 4); V. Taylor, *The Formation of the Gospel Tradition*; Streeter, *The Primitive Church*.

The following commentaries are recommended: *Matthew*, McNeile; *Mark*, Rawlinson; *Luke*, Creed; *John*, Bernard; *I. Corinthians*, St. John Parry (C.G.T.).

## SCHOLARS.

1920-26 No award  
1927 R. P. Cudde  
1928-29 No award

1930 Frederick Kenworthy, M.A.  
1931-32 No award

## BISHOP LEE GREEK TESTAMENT PRIZES.

Mrs. Susan Lee, widow of Dr. James Prince Lee, sometime Bishop of Manchester, by will dated October 4th, 1872, bequeathed to the College the sum of £1,000, free from legacy duty, the income arising therefrom to be annually divided between two of the most proficient students at the College in the Greek Testament, in the following proportions, viz.: Two-thirds of the income to be paid as the First Prize, and the remaining third as the Second Prize, but so that the recipient of either of the said Prizes shall not again receive the same Prize in any succeeding year of his studentship.

## REGULATIONS.

1. Two Prizes, the Senior of the value of £50, the Junior of the value of £25, will be offered annually for competition by students.
2. The examination will be strictly confined to questions of a critical and historical nature.
3. The examination is open to students who are reading or intend to read for the B.D. degree, or for the Certificate in Theology or for some approved advanced course in Theology.
4. Candidates for the Senior Prize shall be examined in :
  - (a) Prescribed books of the New Testament (including always two Gospels, The Acts of the Apostles, and not less than two epistles) with critical and historical questions arising out of them.
  - (b) Hellenistic Greek :—Unseen Translation and simple Composition.

5. Candidates for the Junior Prize shall be examined in prescribed books of the New Testament (one Gospel and two Epistles), and in a prescribed book on New Testament Greek, Criticism and Archæology, and in unseen New Testament Greek.

6. A successful competitor may not compete a second time for the same or for a lower prize.

7. Two Examiners shall be appointed annually on the recommendation of the Faculty of Theology.

8. The Prizes shall be offered for competition at the beginning of the Michaelmas term. Last date for notice for competition, June 15th.

Next examination, October 4th, 1933.

For 1933 : SENIOR :

1. The Gospels according to Matthew and John.
2. The Acts of the Apostles.
3. Colossians and Hebrews.

JUNIOR :

1. The Gospel according to Matthew.
2. Colossians and I. Timothy.
3. Lake : *Text of the New Testament* (Sixth edition).

The following commentaries are recommended for both Senior and Junior Prizes : McNeile, *The Gospel according to Matthew* ; Moffatt, *The Epistle to the Hebrews* (I.C.C.) ; Peake, *The Epistle to the Hebrews* (Century Bible) ; Peake, *The Epistle to the Colossians* (E.G.T.) ; Lock, *The Pastoral Epistles* (I.C.C.).

For 1934. SENIOR :

1. The Gospels according to Mark and John.
2. The Acts of the Apostles.
3. Philippians, I.—III. John.

The following commentaries are recommended : *Mark*, Rawlinson and C.G.T. ; *John*, Strachan (S.C.M.) and C.G.T. ; *Acts*, Blunt (Clarendon Bible) ; *Philippians*, Vincent (I.C.C.) ; *I. —III. John*, Law ("The Tests of Life").

JUNIOR :

1. The Gospel according to Mark.
2. Romans.
3. Lake, *The Text of the New Testament*.

The following commentaries are recommended : *Mark*, Rawlinson ; *Romans*, Dodd.

## PRIZEMEN.

## Senior.

1920	No award
1921	H. Hunter
1922	G. G. Sheward
1923	No award
1924	W. E. Harding
1925	No award
1926	George Phillips
1927	No award
1928	Kathleen M. Hall
1929	J. R. Brightman
1930	H. J. McLachlan
1931	No award
1932	K. V. Ramsey

## Junior.

1920	Hugh Hunter
1921	G. G. Sheward
1922	No award
1923	Tom Rowley
1924	George Phillips
1925	H. I. Frith
1926	No award
1927	Kathleen M. Hall
1928	J. R. Brightman
1929	H. J. McLachlan
1930	Rosamund H. Barker
1931	A. R. Thompson
1932	No award

## DAVID S. BLES HEBREW PRIZE.

Founded by David S. Bles, Esq.

## REGULATIONS.

1. A Prize of £10 will be offered annually for competition amongst students in attendance on Courses in the Hebrew Language.
2. The Prize will be awarded on the results of an examination.
3. Candidates must have attended in the University either the Final General course or some more advanced course on Hebrew Language, approved by the Senate.
4. The successful competitor shall be required to continue the study of Hebrew during the year following the award of the Prize either at the University or at some institution approved by the Senate.

Next examination, October 4th—5th, 1933.

Last date for notice for competition in October, 1934, June 20th, 1934.

1933 and 1934.

1. Hebrew Texts : Amos ; Genesis i.--xxx.
2. *Gesenius' Hebrew Grammar* (ed. Cowley, Clarendon Press, Oxford), Introduction and Part II. ; A. B. Davidson, *Hebrew Syntax*.
3. H. B. Swete, *Introduction to the Old Testament in Greek*, chapters i—iii ; E. Sellin, *Introduction to the Old Testament* : sections relating to the books of Genesis and Amos.

## PRIZEMEN.

1920	A. E. Silverstone		1926	No award	
1921	J. W. Carpenter	} <i>Divided</i> } <i>between</i>	1927	Kathleen M. Hall	} <i>Divided</i> } <i>between</i>
	E. B. Hartley			Graham Short	
1922	J. J. Slotki		1928	G. K. Hawes	
1923	H. H. Evans		1929	J. P. Davidson	
1924	No award		1930	S. K. Bridge	
1925	J. F. Humphrey		1931	C. H. Hopgood	
			1932	No award	

## ASHBURY EXHIBITIONS.

For details of these Exhibitions, which were awarded to students attending evening classes in Engineering, see the *Calendar* for 1929–30, page 703.

## REGINALD ALBERT PRIESTLEY SCHOLARSHIP.

Founded in 1926 by a bequest of £1,000 made by the late Miss Sarah Alice Priestley, of Manchester, in memory of her brother, Reginald Albert Priestley, F.R.G.S. The purpose of the Scholarship is primarily to assist students of the University whose tenure of another University Scholarship or Exhibition has ceased before the completion of their University course.

## REGULATIONS.

1. One Scholarship of the value of not more than £45, tenable for one year, will be offered annually; and will be open to students who have already been awarded by the University a Scholarship or Exhibition the tenure of which has expired before the completion of their degree course.
2. The Scholarship shall be awarded by the Senate on the recommendation of a Special Committee appointed by the Senate.
3. The Committee, in recommending for the Scholarship, shall take into consideration the academic record and financial circumstances of the applicant.
4. The holder of the Scholarship shall be required to continue during his tenure an approved course of study in the University.
5. The Committee may recommend, out of any accumulations in the Fund, a grant to any student of the University, or intending student, to assist him to pursue his course of study or research in the University. This special grant must be approved by the University Council.
6. Applications must be sent to the Registrar not later than May 1st in each year.

## SCHOLARS.

1928	J. W. Jennings	
1929	S. S. Andrew	
1931	J. A. Hobson	
1932	W. H. Goddard	
1933	W. E. Anderson	} <i>Divided between</i>
	H. J. Wade	

## PROFESSOR HAROLD BAILY DIXON BURSARY FUND.

A sum of £507, received from old students and friends of Professor Dixon, has been invested to form a Bursary Fund.

The income of this Fund is to be used to assist students who are offering Chemistry as the principal or one of the principal subjects of their final examination in the Faculty of Science, and who may be in need of financial assistance, to complete their degree course. Should there be any balance of income after making provision for the above, it may be used to assist graduates in the Faculty of Science who are proceeding to a higher degree with Chemistry as their principal subject.

Further information may be obtained from the Registrar.



### ERNEST AND EVELYN WEISS TRAVELLING FUND.

A Fund was raised in 1930 to commemorate the services to the University of Frederick Ernest Weiss, George Harrison Professor of Botany from 1892 to 1930, and of his wife, Evelyn Spence Weiss. A sum of £580 was presented to the University by the subscribers to establish the "Ernest and Evelyn Weiss Travelling Fund," to assist students and members of the non-professorial staff in the Department of Botany to travel in connection with Botanical study or research.

Further information may be obtained from the Registrar.

### SAM GAMBLE MEDICAL SCHOLARSHIPS FOR WOMEN.

The Trustees offer five or more Scholarships of the value of not less than £40 each to women students preparing for the degrees of M.B. and Ch.B. of the University of Manchester, who have completed satisfactorily the first year's course of study for that degree or have been excused that course.

The Scholarships are tenable for one year, but may be renewed annually, at the discretion of the Trustees, for a total period of not more than five years. Full particulars may be obtained from the Secretary to the Trustees, at the University, Manchester.

Applications for Scholarships in accordance with the terms of the conditions should be made not later than June 15th in each year.

### DICKINSON TRUST.

Under the will of the late Mrs. Caroline Conradine Sophia Dickinson, a Research Travelling Scholarship in Medicine; a Pathology Scholarship and a Surgery Scholarship in alternate years; and an Anatomy Scholarship have been instituted.

These Scholarships are administered by a body of Trustees. Full particulars may be obtained from the Secretary to the Trustees, at the Manchester Royal Infirmary.

#### RESEARCH SCHOLARS IN MEDICINE.

- |   |                                  |
|---|----------------------------------|
| 1923 Georgiana M. Duthie, M.D.              | 1930 F. H. Smirk, M.D.           |
| 1924 Raymond Williamson, B.Sc., M.B., Ch.B. | Agnes M. Bodoano, M.B., Ch.B.    |
| 1925 E. J. Wits, M.B., Ch.B.                | 1931 Margaret Egan, M.B., Ch.B.  |
| 1926 E. W. Fairbrother, M.B., Ch.B.         | May Johnson, M.B., Ch.B.         |
| 1928 Hilda Linford, M.B., Ch.B.             | R. L. Holt, M.B., Ch.B.          |
| 1929 William Brockbank, M.D.                | 1932 Donald Sheehan, M.Sc., M.D. |
| H. E. Martin, M.Sc., M.B., Ch.B.            | S. T. Cowan, M.B., Ch.B.         |

#### SCHOLARS IN PATHOLOGY.

- |                               |                                   |
|-------------------------------|-----------------------------------|
| 1926 F. H. Smirk, M.B., Ch.B. | 1930 S. M. Milner, M.B., F.R.C.S. |
| 1927 F. H. Smirk, M.D.        |                                   |

#### SCHOLARS IN SURGERY.

- |                                       |                                   |
|---------------------------------------|-----------------------------------|
| 1928 Florence V. Stephen, M.B., Ch.B. | 1932 A. A. Davis, Ch.M., F.R.C.S. |
|---------------------------------------|-----------------------------------|

#### SCHOLARS IN ANATOMY.

- |                       |                         |
|-----------------------|-------------------------|
| 1923 W. E. Savage     | 1928 D. Lloyd Griffiths |
| 1924 G. H. Rackleyeft | 1929 Eric Vernon        |
| 1925 D. Sheehan       | 1930 D. H. Mackay       |
| L. C. Wright          | 1932 D. A. Richmond     |
| 1926 M. C. G. Israëls | 1933 M. J. Blank        |
| 1927 F. Livesey       |                         |

## **Graduate and Post-Graduate Scholarships, Exhibitions, and Prizes.**

**NOTE.**—For the lists of awards before 1910, unless given below, see the Calendars for 1914-15 and 1915-16.

### **GRADUATE RESEARCH SCHOLARSHIPS.**

(Formerly known under the old constitution of the University as University Scholarships.)

#### **REGULATIONS.**

1. At least one Graduate Research Scholarship of a value not exceeding £70 shall be offered annually on the results of the Final Examination in each of the Honours Schools in the Faculties of Arts, Science, and Law and on the results of the Final Examinations for each of the following degrees: B.A. (Com.), B.A. (Admin.), B.D., and M.B., Ch.B. Candidates must be qualified to carry out approved courses of advanced study or research and must have obtained first class in one of the Honours Schools in the Faculties of Arts, Science, and Law, or must have obtained first class honours in the Final Examination for the degrees of M.B., Ch.B., or have been awarded Distinction in the Examination for the degrees of B.A. (Com.) or B.A. (Admin.), or B.D. The Senate shall have power to consider any applications brought forward by the Fellowships and Scholarships Committee for special reasons, but any award under this power shall be subject to the approval of the Council.

2. The award of the Scholarships shall be made by the Fellowships and Scholarships Committee of the Senate who shall also have power to award Scholarships of a smaller value than £70.

3. It shall be in the power of the Committee to withhold the award of any Scholarship or Scholarships in any year.

4. Applications for Graduate Research Scholarships must be sent to the Registrar not later than July 15th in the year of graduation or in the year next following except that in the case of candidates who take Honours in two Schools applications must be sent not later than July 15th, in the year following that in which the examination in the second School was taken.

5. Candidates in their applications must state the subject of research or advanced study which they propose to undertake. Candidates are advised to consult the Professor under whose direction they have studied before submitting their applications.

The applicants must state whether they propose to conduct their research in the University or at some other institution, and, if the latter, must obtain the Committee's approval of the institution proposed and of the arrangements made for supervision in their work.

6. The Graduate Research Scholarship shall not be held along with any other Scholarship or Fellowship unless by special permission of the Committee.

This restriction shall not apply in the case of a candidate who has been elected to a Platt Physiological Scholarship.

Last date for application, July 15th.

\* UNIVERSITY SCHOLARS.

1892	L. D. Barnett (Classics) ... ..	Univ.
	R. C. Porter (Engineering) ... ..	"
	A. W. Titherley (Chemistry) ... ..	"
	S. W. Brooke (Medicine) ... ..	Owens.
1893	John Maxwell (Classics) ... ..	Owens.
	J. R. B. Muir (History) ... ..	Univ.
	G. H. Cross (Chemistry) ... ..	"
	Edward Haworth (Chemistry) ... ..	"
	F. C. Moore (Medicine) ... ..	"
1894	Thomas Bateson (History) ... ..	"
	T. G. Jones (Engineering) ... ..	"
	W. H. Bentley (Chemistry) ... ..	"
	F. W. Smith (Physics) ... ..	Univ.
	J. A. Clubb (Zoology) ... ..	"
	A. H. Burgess (Medicine) ... ..	Owens.
1895	Ethel R. Faraday (Classics) ... ..	Owens
	Mary Johnstone (History) ... ..	"
	J. W. Hayward (Engineering) ... ..	"
	Robert Kelsall (Medicine) ... ..	"
	Ellenor L. Broadbent (History) ... ..	"
	Margrieta van der Veen (Philosophy) ... ..	Univ.
	W. L. Brown (Engineering) ... ..	Owens.
	W. M. Thornton (Physics) ... ..	Univ.
	D. S. Jerdan (Chemistry) ... ..	Owens.
1896	S. B. C. Ross (English Language and Literature) ... ..	"
	W. K. Beard (Engineering) ... ..	"
	William Mason (Engineering) ... ..	"
	George Birtwistle (Chemistry) ... ..	"
	W. A. Caspari (Chemistry) ... ..	Univ.
	Joseph Moreton (Medicine) ... ..	Owens.
1897	Edward Wooll (Classics) ... ..	Univ.
	Lucy W. Faraday (English Language and Literature) ... ..	Owens.
	Lilian Winstanley (English Language and Literature) ... ..	"
	W. H. Riddlesworth (Engineering) ... ..	Univ.
	R. W. Collinson (Chemistry) ... ..	Owens.
	Frederick Davies (Chemistry) ... ..	"
	A. R. Jackson (Zoology) ... ..	Univ.
	Robert Burnet (Botany) ... ..	"
	Walter Crabtree (Medicine) ... ..	Owens
1898	Mary M. Newett (History) ... ..	"
	J. M. Asher (Philosophy) ... ..	"
	Wilson Stuart (Philosophy) ... ..	Yorks.
	F. W. Hewitt (Engineering) ... ..	Univ.
	J. E. Jagger (Engineering) ... ..	Owens.
	F. A. Lidbury (Chemistry) ... ..	"
	J. C. Mann (Medicine) ... ..	Univ.
1899	J. M. MacGregor (Classics) ... ..	"
	F. M. Powicke (History) ... ..	Owens.
	A. H. Cooper (Physics) ... ..	Yorks.
	W. M. Varley (Physics) ... ..	"
	E. H. Lamb (Engineering) ... ..	Owens.
	J. C. W. Humfrey (Engineering) ... ..	Univ.
	Charles Walker (Chemistry) ... ..	Owens.
	A. R. Derryhouse, (Geology) ... ..	Yorks.
	Helen P. Auld (Botany) ... ..	Univ.
	W. T. Maccall (Engineering) ... ..	Owens.
	H. G. Tansley (Medicine) ... ..	"

\* Up to 1899 the Scholarships were all of the value of £50.

1900	J. J. Bell (History) ... ..	Univ.
	Elizabeth Speakman (History) ... ..	Owens.
	Josephine Ludler (English Language and Literature) ... ..	"
	Arthur Morley (Engineering) ... ..	"
	Frederick Bowen (Engineering) ... ..	"
	G. C. Simpson (Physics) ... ..	"
	D. T. Jones (Chemistry) ... ..	"
	R. B. Denison (Chemistry) ... ..	Yorks.
	L. R. Bruthwaite (Medicine) ... ..	"
	A. G. Christian (Medicine) ... ..	Owens.
1901	D. N. Hebblethwaite (Classics) ... ..	Univ.
	C. F. Lumby (History) ... ..	"
	Frank Rogers (Engineering) ... ..	"
	P. H. Powell (Engineering) ... ..	"
	J. F. Spencer (Chemistry) ... ..	"
	E. C. Edgar (Chemistry) ... ..	Owens.
	W. A. Elias (Law) ... ..	Univ.
	H. D. Haworth (Medicine) ... ..	Owens.
	Prov. acc. Alan Boyle ... ..	Yorks.
1902	Isaac Kandel (Classics) ... ..	Owens.
	Mary E. Blevin (History) ... ..	Univ.
	Lucie F. Williams (English Language and Literature) ... ..	"
	J. D. F. Williams (Modern Languages and Literatures) ... ..	"
	S. H. Stelfox (Engineering) ... ..	Yorks.
	A. A. Stoddard (Engineering) ... ..	"
	A. S. Eddington (Physics) ... ..	Owens.
	J. W. Nicholson (Physics) ... ..	"
	William Partington (Chemistry) ... ..	"
	F. J. Brislee (Chemistry) ... ..	Univ.
	Joseph Pearson (Zoology) ... ..	"
	Walter Tattersall (Zoology) ... ..	"
	Edward Fraser (Law) ... ..	"
	Philip Talbot (Medicine) ... ..	Owens.
1903	W. T. Waugh (History) ... ..	Owens.
	A. H. Baker (History) ... ..	"
	Hilda Johnstone (History) ... ..	"
	Frank Foster (Engineering) ... ..	"
	A. H. Gibson (Engineering) ... ..	"
	A. T. Weston (Engineering) ... ..	"
	H. P. Coward (Chemistry) ... ..	"
	H. S. Raper (Chemistry) ... ..	Yorks.
	Frank Hudson (Law) ... ..	Owens.
1904	H. R. Singleton (Classics) ... ..	Manchester.
	A. R. Skemp (English Language and Literature) ... ..	"
	Osborn Waterhouse (English Language and Literature) ... ..	Leeds.
	Lilian L. Atkinson (Modern Languages and Literatures) ... ..	Manchester.
	J. G. Isherwood (Physics) ... ..	"
	Fred Pickford (Engineering) ... ..	"
	G. W. Andrew (Chemistry) ... ..	"
	W. H. Perkins (Chemistry) ... ..	"
	I. H. Zortman (Chemistry) ... ..	Leeds.
	J. W. Hodson (Law) ... ..	Manchester.
	H. T. Lamb (Medicine) ... ..	"

## \*GRADUATE SCHOLARS.

1905	Arthur Jones (History)	Peter Sandiford (Chemistry)
	Emily Howson Taylor (Modern Languages and Literatures)	C. G. Hewitt (Zoology)
	Douglas Knoop (Economic and Political Science)	H. G. A. Hickling (Geology)
	Gilbert Cook (Engineering)	Mary McNicol (Botany)
	Andrew Robertson (Engineering)	Edith M. Saxelby (Botany)
	Robert Robinson (Chemistry)	E. C. Burgis (Law)
		T. W. Todd (Medicine)
1906	Gwladys Llewellyn (Classics)	V. J. Harding (Chemistry)
	Thomas Royds (Physics)	Thomas Whitehead (Chemistry)
	H. E. Mellor (Engineering)	H. Finklestone (Law)
	H. C. W. Bishop (Engineering)	J. T. Brewis (Theology)

\* Until 1921 the Scholarships were of the value of £25, an additional grant of £25 being made to assist scholars wishing to undertake research.

- 1907 Sarah E. Jackson (Classics)  
A. F. Johnson (Classics)  
Constance H. Watson (Classics)  
Adelaide Horrocks (Modern Languages)  
Harry Watson (Mathematics)
- 1908 Effie Watson (Classics)  
H. G. Wright (Modern Languages)  
Minnie J. Bell (Modern Languages)  
G. A. Evans (Mathematics)  
Eleanor B. Harvey (Mathematics)  
P. M. Elton (Physics)  
W. A. Harwood (Physics)
- 1909 Margaret W. Macalister (English Language and Literature)  
Mark Hovell (History)  
Ernest Marsden (Physics)  
Margaret White (Physics)
- 1910 V. H. Galbraith (History)  
A. E. Prince (History)  
Laura A. Lomas (English Language and Literature)  
J. D. Wright (English Language and Literature)  
E. J. Nuttall (Philosophy)  
J. H. Doughty (Mathematics)  
Joshua Parlbly (Mathematics)
- 1911 Eleanor Rhodes (Classics)  
F. R. Barnes (History)  
G. W. Glover (Modern Languages and Literatures)  
J. S. Beaumont (Architecture)  
Joseph Walsh (Mathematics)  
Harold Robinson (Physics)
- 1912 Theresa Margaret Browne (Classics)  
May Antonie Beatrice Horford (Classics)  
Agnes Strawson (English Language and Literature)  
Arthur Walsh (Modern Languages and Literatures)  
Susie Sutherland Fairhurst (Philosophy)
- 1913 H. H. Crabtree (Classics)  
Harold Kay (History)  
Joseph Marks (French Language and Literature)  
Albert Rose (French Language and Literature)  
A. J. Farmer (French Language and Literature)  
F. W. Halliday (German Language and Literature)
- 1914 S. D. Sedgley (Classics)  
Florence Whithead (Classics)  
Marie Muncester (English Language and Literature)  
Emily Fawson (French Language and Literature)  
Kathleen A. L. Lambley (French Language and Literature)  
M. H. Farbridge (Oriental Studies)  
W. R. Wilde (Mathematics)
- F. W. Whaley (Physics)  
William Wilson (Physics)  
Sydney Chapman (Engineering)  
Hubert Watson (Chemistry)  
Edith M. Kershaw (Botany)  
D. M. S. Watson (Geology)
- G. S. Hibbert (Chemistry)  
A. G. Lohley (Chemistry)  
L. H. Harrison (Chemistry)  
T. G. B. Osborn (Botany)  
H. L. Hawkins (Geology)  
C. F. Entwistle (Law)  
John Morley (Medicine)
- J. C. Duff (Chemistry)  
J. R. Partington (Chemistry)  
James Bradley (Engineering)  
Melbourne Dewhurst (Engineering)
- Henry Cotton (Physics)  
Harold Bolas (Engineering)  
Heinrich Bächtold (Engineering)  
Fred Holt (Chemistry)  
H. M. Lingford (Chemistry)  
Margaret C. March (Geology)  
R. J. Price (Theology)  
L. W. Cronsted (Theology)
- H. P. Wainman (Physics)  
J. N. Nuttall (Physics)  
Arthur Roberts (Engineering)  
J. A. Prescott (Chemistry)  
Henry Stephen (Chemistry)  
A. S. Robinson (Chemistry)  
W. B. Brierley (Botany)
- Harry Richardson (Physics)  
Albert Beaumont Wood (Physics)  
Siegfried Wedgwood Horford (Engineering)  
Harold Goodwin (Chemistry)  
Albert Parker (Chemistry)  
Geoffrey Lapage (Zoology)  
Francis White (Law)  
William Henry Bass (Theology)
- G. B. Howeroft (Architecture)  
W. O. Jones (Architecture)  
Sydney Hague (Engineering)  
W. A. Meir (Chemistry)  
R. G. Bainbridge (Chemistry)  
W. H. Pearsall (Botany)  
Henry Cardwell (Law)  
H. G. Marsh (Theology)
- Ernest Phillips (Mathematics)  
W. F. Rawlinson (Physics)  
Hartley Lupton (Physics)  
J. M. Wade (Engineering)  
H. D. Kay (Chemistry)  
W. K. Slater (Chemistry)  
Marjorie S. Williamson (Botany)  
Henry Day (Geology)  
R. A. Eastwood (Law)  
E. D. Paterson (Theology)

- |   |   |
|---|---|
| 1915 Percy Norrington (Classics)<br>Philip Heap (English Language and Literature)<br>Elsie Wilkinson (English Language and Literature)<br>Arthur Redford (History)<br>Frederica Sullivan (French Language and Literature)                           | George Darwin (Mathematics)<br>Herbert Carrington (Engineering)<br>S. F. Garrard (Chemistry)<br>J. W. Crabtree (Chemistry)<br>Raymond Williamson (Zoology)<br>Basil Bentley (Geology)   |
| 1916 Mabel Jones (English)<br>Madys M. Cooper (French)<br>Peter McPail (Philosophy)<br>Norman Tunstall (Physics)  | Joseph West (Physics)<br>George Smith (Chemistry)<br>F. V. Tidswell (Chemistry)<br>J. N. Greenwood (Metallurgy)   |
| 1917 Sophia Weitzman (History)<br>Florence M. G. Evans (History)<br>Cecilia B. Mackintosh (History)<br>Elsie Brindle (French)   | W. H. R. Grundy (German)<br>Geoffrey Gladding (Chemistry)<br>Marion E. Mitchell (Chemistry)<br>G. R. Jones (Theology)   |
| 1918 Madeleine E. Lees (Classics)<br>Alice Jackson (History)<br>Margaret Tont (History)<br>S. J. Eker (French)  | W. E. Alkins (Chemistry)<br>Edith Heyworth (Chemistry)<br>W. S. Davies (Theology)   |
| 1919 Joshua Whatmough (Classics)<br>H. E. O. James (History)<br>Phyllis J. Mudie (History)<br>Janie Campbell (English)<br>Elsie Simmonds (English)  | Kathleen Gaukroger (French)<br>Agnes J. McLellan (French)<br>J. B. Shoesmith (Chemistry)<br>Isabella Bateman (Botany)<br>R. A. Burrows (Theology)   |
| 1920 Priscilla G. Gorton (English)<br>R. D. Waller (English)<br>A. J. Murphy (Chemistry)<br>J. F. Wilkinson (Chemistry)<br>Margaret G. Simpson (Chemistry)<br>Ernest Chapman (Chemistry)  | J. P. Brown (Chemistry)<br>E. H. Lewis (Engineering)<br>E. O. Masterson (Engineering)<br>W. J. Brown (Engineering)<br>Samuel Williams (Botany)<br>S. R. Chaloner (Commerce)   |
| 1921 T. M. Gribbin (Classics)<br>N. B. Lewis (History)<br>Caroline A. Lefebvre (English)<br>J. P. Bowden (French)<br>Eleanor D. Hall (French)<br>Marjorie M. Sansom (French)<br>H. C. R. Blotto (Oriental Studies)<br>E. V. Whitfield (Mathematics) | R. J. Cornish (Engineering)<br>B. W. Edgoose (Engineering)<br>J. H. Daly (Chemistry)<br>Marcus Francis (Chemistry)<br>Gilbert Greenwood (Chemistry)<br>A. M. Cleverley (Metallurgy)<br>W. E. Salt (Commerce)<br>G. V. Ashcroft (Medicine) |

# GRADUATE PRIZEMEN AND GRADUATE SCHOLARS.

Graduate Prizemen (£5) to whom a Graduate Scholarship (£70) was awarded are indicated by an asterisk.

- |   |  |
|---|--|
| 1922 Gerald Andrew (Geology)<br>G. H. H. Booth (Physiology)<br>*H. W. Broadbent (Engineering)<br>*R. G. Cooke (Law)<br>*R. A. Cordingley (Architecture)<br>*W. H. Dearden (Metallurgy)<br>*Kathleen M. Drew (Botany)<br>*John Earnshaw (English)<br>*Doris I. Field (Latin)<br>*A. J. Hailwood (Physics)<br>*J. B. M. Herbert (Chemistry)<br>Herbert Hetherington (Commerce)<br>*C. A. Humphries (Theology) | O. D. Hunt (Zoology)<br>*Walter Kitchen (Geology)<br>William Leach (Botany)<br>*Gerald Lyon (Engineering)<br>*Walter Percival (French)<br>*Kathleen Peters (French)<br>Elsie Rogers (Architecture)<br>F. H. Scotson (Medicine)<br>*R. P. D. Thomas (Greek)<br>Eileen Threlkeld (Zoology)<br>*R. F. Treharne (History)<br>Annie Watson (Latin)<br>Harold Wood (Chemistry) |
|---|--|

+ Resigned

- 1923 Helen M. Briggs (Italian)  
 Ida M. Brown (Latin)  
 \*Orrell Darbyslure (Physics)  
 \*J. A. Drescher (Greek)  
 R. H. Evans (Engineering)  
 \*Enid Glen (English)  
 James Gregory (Physics)  
 Marion Heyes (Chemistry)  
 \*H. E. O. James (Psychology)  
 \*John Jewkes (Commerce)  
 Norah A. Jones (German)
- 1924\*Helen Axon (French)  
 Tom Boardman (Engineering)  
 \*G. L. Brown (Physiology)  
 C. T. Carr (German)  
 Samuel Causey (Physics)  
 J. W. Cuthbertson (Metallurgy)  
 William Duckworth (Theology)  
 \*Enid Garnett (Chemistry)  
 \*R. Y. Hedges (Law)
- 1925 Walter Binks (Physics)  
 \*Constance Brooks (Italian)  
 David Clayton (Engineering)  
 \*Cedric Cole (Theology)  
 \*Annie Crossley (French)  
 \*H. I. Frith (Theology)  
 Morrison Greenwood (Chemistry)  
 \*Willie Jackson (Engineering)  
 Edith Lawson (French)
- 1926 Jack Allen (Engineering)  
 William Ashhurst (Physics)  
 John Barton (Engineering)  
 \*G. W. Brindley (Physics)  
 C. D. Campbell (Commerce)  
 \*M. G. Evans (Chemistry)  
 \*A. C. Finch (Chemistry)  
 \*Elsie M. Firth (Physics)  
 Arthur Hughes (History)  
 Denis Hyde (Law)  
 P. D. Martyn (History)
- 1927\*N. A. Alston (Physics)  
 Florence Ashton (English)  
 \*T. H. Aspey (Engineering)  
 Mark Balkin (Chemistry)  
 J. M. Bruckshaw (Physics)  
 George Castle (Law)  
 J. A. Darbyslure (Physics)  
 \*Lynette G. Evans (French)  
 \*Fred Pothergill (Physics)
- 1928\*A. D. Amley (Chemistry)  
 F. C. Chambers (Engineering)  
 \*Wesley Cooker (Chemistry)  
 Phyllis Dewhurst (French)  
 \*Charles Dunbar (Physics)  
 \*Austin Gill (French)  
 \*Norman Haycocks (French)  
 \*Kathleen H. Holden (History)  
 Mary Holne (Economics)  
 \*†M. C. G. Israëls (Physiology)
- 1929\*John Brittain (Chemistry)  
 A. G. R. Britten (French)  
 \*E. V. Casey (Chemistry)  
 \*Eli Davis (Physiology)  
 Jack Finney (Physics)  
 Albert Fogg (Engineering)  
 Brenda F. Hall (Commerce)  
 Kathleen G. Ineson (French)  
 J. G. Jagger (Engineering)  
 \*Marjorie Kelly (French)
- J. A. Kay (French)  
 \*Schofield Labrow (Engineering)  
 O. B. Lean (Zoology)  
 T. S. Littler (Physics)  
 \*N. L. Matthews (Chemistry)  
 T. H. Schofield (Metallurgy)  
 J. J. Slotki (Oriental Studies)  
 John Stafford (Chemistry)  
 \*Leonard Wilcox (Physics)  
 L. J. Witts (Medicine)
- \*D. R. Lewis (Chemistry)  
 Marion Lofthouse (French)  
 Frances M. Marshall (General Science)  
 W. K. Rooney (Engineering)  
 Harry Shaw (Chemistry)  
 Annie Sam (English)  
 J. N. Taylor (Engineering)  
 Harold Wilkinson (Mathematics)  
 W. A. Wood (Physics)
- \*W. H. Newton (Physiology)  
 \*J. P. Oakden (English)  
 \*†L. S. Pearson (English)  
 \*J. T. Randall (Physics)  
 \*Harry Rothwell (History)  
 \*F. H. Smirk (Medicine)  
 C. G. Sumner (Chemistry)  
 \*James Thewlis (Physics)  
 \*Harold Varley (Chemistry)
- E. T. Norris (Mathematics)  
 H. T. Rack (Theology)  
 \*Kathleen Sheehan (Medicine)  
 Annie Simpson (Latin)  
 \*Zillah Taylor (French)  
 W. H. Taylor (Physics)  
 Agnes Teasdale (French)  
 \*Thomas Walton (French)  
 \*D. P. Wilson (Zoology)  
 Sheila M. Wood (German)  
 \*Frank Wormwell (Chemistry)
- G. A. Goldstraw (Architecture)  
 Amy Greenwood (French)  
 \*L. P. Kendal (Chemistry)  
 J. W. H. King (Engineering)  
 \*C. F. J. Morgan (Engineering)  
 \*W. G. Robinson (Theology)  
 \*W. H. Roscoe (Chemistry)  
 \*Sybil Simpson (Economics)  
 Edna Turner (German)
- \*H. S. Jackson (German)  
 J. R. Jones (Theology)  
 D. I. B. Moon (Engineering)  
 \*L. H. Oakfield (Theology)  
 \*H. M. Phillipson (Classics)  
 \*Sarah Rabinowitz (French)  
 Joseph Sherratt (Mathematics)  
 H. W. Scott (Chemistry)  
 \*†F. M. Worthen (English)
- P. F. Morton (General Science)  
 \*S. R. Nockolds (Geology)  
 E. H. Robinson (French)  
 \*Dorothy R. Sanders (French)  
 Jack Stafford (Economics)  
 W. A. Walker (Theology)  
 \*†Cyril Ward (History)  
 Edith Winstanley (Mathematics)  
 \*†Enid Wright (English)

## GRADUATE RESEARCH SCHOLARS.

*Under New Regulations*

- |                                  |                                    |
|----------------------------------|------------------------------------|
| 1930 Gordon Baldwin (English)    | Norman Holden (Chemistry)          |
| F. H. Dean (Law)                 | William Lawton (French)            |
| Kathleen Gandy (English)         | H. I. Nemtsov (Oriental Studies)   |
| Harry Grime (General Science)    | J. A. A. L. Woodhead               |
| J. S. Hey (Physics)              | (Physiology)                       |
| F. D. Hodgkiss (History)         |                                    |
| 1931 Edwin Davis (Metallurgy)    | Robert Metcalfe (English)          |
| E. L. Dean (French)              | A. S. L. Morgan (Physics)          |
| Eric Eastwood (Physics)          | Geoffrey Ogden (Chemistry)         |
| R. A. Fothergill (German)        | B. A. Renshaw (English)            |
| John Lingard (French)            | H. L. Settle (Physiology)          |
| William Mather (History)         | W. J. Whitehouse (General Science) |
| 1932 Duacan Cameron (Physics)    | *H. J. McLachlan (Theology)        |
| H. P. Dakin (General Science)    | Arthur Rigg (English)              |
| W. A. Deer (Geology)             | Margaret R. Roberts (French)       |
| S. T. Harrison (Metallurgy)      | F. W. Towns (Law)                  |
| Kathleen A. Horsfield (German)   | Tom Warwick (Zoology)              |
| E. R. B. Jackson (Chemistry)     | *J. L. Wood (English)              |
| 1933 Marcus Baker (French)       | J. W. Illingworth (Physics)        |
| J. P. M. Carr (Law)              | Arthur Porter (Physics)            |
| Philip Chantler (Economics)      | K. V. Ramsey (Theology)            |
| W. C. Chapman (Geography)        | Ernest Warhurst (Chemistry)        |
| James Crowther (Metallurgy)      | J. J. Webster (Psychology)         |
| Sylvia J. Gibson (Greek)         | Kathleen M. Whitehouse (English)   |
| Harry Horrocks (General Science) | Fred Williamson (History)          |

THE EDMUND ROSCOE POST-GRADUATE SCHOLARSHIP  
IN HISTORY.

Founded in 1912 by the Rt. Hon. Sir H. E. Roscoe, LL.D., D.C.L., D.Sc., F.R.S., in memory of his son, the late Edmund Roscoe.

## REGULATIONS.

1. The Scholarship shall be of the yearly value of £50, tenable for one year, but may be extended to two years if the Scholar makes satisfactory progress. Any surplus income or accumulation of income may be applied from time to time for the award of a second Scholarship or of an Exhibition or Exhibitions.

2. The Scholarship is open to members of the University of Manchester, as well as to other persons of British nationality who have studied History in any other University or University College.

3. The award will be made at the end of the Summer term.

4. Candidates should submit evidence of their proficiency and promise, and may be required to submit themselves to examination.

5. Candidates for the Scholarship must have passed through a regular course of study in History, and the Scholarship will be awarded to the candidate who, in the opinion of the Senate, shows the most promise and ability for prosecuting original research in History.

\* Honorary.



6. The Scholarship will be held subject to the following conditions:

- (1) The Scholar shall devote himself to research in the University of Manchester, but he will be permitted to devote so much of his time as may seem desirable to studying his subject at other institutions, and to obtaining the material necessary for the prosecution of his research.
- (2) The Senate may, at their discretion, give the Scholar permission to undertake a limited amount of teaching work, provided always that such work shall not interfere with the prosecution of his studies.

7. The award shall be made by the Senate on the recommendation of the Vice-Chancellor, of the Professor of History, and of the Professor of English Literature for the time being.

8. The Scholarship shall not be tenable along with any other Graduate Scholarship or Fellowship, nor with any other salaried office without the permission of the Senate.

9. The above regulations may be modified by the Council, after report from the Senate, in such manner as may be considered desirable from time to time, provided that no alteration shall be made which shall be inconsistent with the terms of the resolution of the Council of the University passed on July 24th, 1912, accepting Sir Henry Roscoe's benefaction.

The Scholarship will be offered in June, 1934. It is normally offered in alternate years with the Pickles Post-Graduate Studentship (see page 816).

Last date for application, June 15th.

#### SCHOLARS.

- 1913 J. G. Edwards, B.A.  
Winifred Harvey, M.A. (Special Exhibition)
- 1914 J. G. Edwards, B.A. (For a second year)
- 1915 Ethel M. Woodall, B.A.  
Agnes Sandys (Hist. Hons., Oxford) (Special Exhibition)
- 1916 Ethel M. Woodall, B.A.
- 1917 Dorothy Sutcliffe, B.A.
- 1918 Dorothy Sutcliffe, B.A.
- 1919 Hilda F. M. Prescott (Hist. Hons., Oxford)
- 1920 Georgina R. Cole-Baker (Hist. Hons., Oxford)
- 1921 Margaret R. Toynbee, B.A. (Oxford)
- 1922 Margaret R. Toynbee, B.A. (Oxford) (For a second year)
- 1923 Mildred E. Gibbs, B.A. (Oxford)
- 1924 Mildred E. Gibbs, B.A. (Oxford)
- 1925 Annie P. Deeley, B.A. (Oxford) (Special Grant)
- 1926 Annie P. Deeley, B.A. (Oxford)
- 1928 Beryl Smalley, B.A. (Oxford)
- 1930 C. Esther Hodge, B.A. (Oxford)
- 1931 Margaret E. Turner (Special Exhibition)  
C. Esther Hodge, B.A. (For a second year)
- 1932 C. B. Elliott, B.A.  
A. G. Barnes, B.A. (Special Bursary)

### JONES POST-GRADUATE SCHOLARSHIP IN HISTORY.

Instituted in 1927 from accumulations in the Jones Fellowship Fund.

#### REGULATIONS.

1. The Scholarship is of the annual value of £50, tenable for one year.

2. Candidates must have been students in the University for not less than three years and must have obtained a degree in the Honours School of History.

3. The award will be made at the end of the summer term by the Senate after recommendation from the Professors of History.

4. The successful candidate must pursue during the session immediately following his election a course of advanced study or research in History in the University, but may be permitted by the Senate to devote so much of his time as may seem desirable to study or research at other approved institutions and to obtain the material necessary for the prosecution of his research.

5. By the special permission of the Senate, the Scholarship may be held together with another Fellowship or Scholarship or with some other salaried office.

The Scholarship will be offered in June, 1934. The last date for application is June 1st.

#### SCHOLARS.

- 1928 Edna Bibby, B.A.  
Margery L. Hoyle (*special grant*)  
Harry Roberts (*special grant*)  
1929-30 No award  
1931 L. V. Sumner, B.A.  
1932 Frank Taylor, M.A.

### JOSEPH JAMES PHELPS PRIZE IN ARCHÆOLOGY.

This Prize was founded in 1929 by friends of the late J. J. Phelps, Esq., Master of Arts in the University (*honoris causa*), formerly President of the Lancashire and Cheshire Antiquarian Society, in memory of his services to the study of the Antiquities of the Roman and earlier and later periods, especially in Manchester, Lancashire and Cheshire, and for the encouragement of work in these fields.

#### REGULATIONS.

1. The Prize shall be of the value of £10 and shall be offered in alternate years.

2. The Prize shall be given for an Essay or Thesis to be submitted not later than November 1st in the year of award.

3. Candidates must be graduates of the University of Manchester.

4. The Prize shall be awarded for an Essay or Thesis bearing on the antiquities of Great Britain belonging *either* (a) to the early British and Roman periods *or* (b) to the Mediæval period (down to 1600 A.D.).

5. The Prize shall be awarded by the Senate on the recommendation of a Board of Examiners appointed on each occasion by the Senate on the nomination of the Board of the Faculty of Arts.

6. The subject of the Essay or Thesis must be submitted for the approval of the Board of the Faculty of Arts not later than February 1st in the year of award.

7. Theses presented, or to be presented, for the degree of Master or for any higher degree, may be presented also for the J. J. Phelps Prize.

#### CHARLES HAROLD HERFORD EXHIBITION.

Under the Will of Dr. Charles Harold Herford, Professor of English Literature in the University from 1901 to 1921, the sum of £500 was bequeathed to the University "to be applied for the promotion of the study of international relations, including comparative literature, by the founding of an exhibition called 'The Charles Harold Herford Exhibition,' or in such other way as the University shall determine."

#### REGULATIONS.

1. The Exhibition is of the value of £100 payable in quarterly instalments. It will normally be offered at intervals of five years.

2. The award will be made by the Senate on the recommendation of a Committee appointed by the Senate for the purpose.

3. Candidates must state in their application the subject or group of subjects they propose to study during the year of tenure, and must furnish evidence of their qualification to pursue the proposed course of study in a manner approved by the Senate.

4. The successful candidate must register as a student of the University and may be required to spend a part, or the whole, of the period of study abroad at an institution, or under conditions, approved by the Senate.

5. Applications must be sent in to the Registrar of the University not later than April 15th in the year in which the Exhibition is offered.

6. Should the Exhibition not be awarded in any session in which it is offered the Senate shall have power to offer the Exhibition in any succeeding session after a shorter interval than that mentioned in Regulation 1.

The Exhibition will be offered in 1936.

#### \* DERBY SCHOLARSHIP.

These Scholarships, for the encouragement of the study of Mathematics, were founded in 1880 by the Right Honourable the Fifteenth Earl of Derby, who endowed the University with the sum of £2,000. From the annual returns on the investment of this sum two Scholarships of equal value were founded. On the reconstitution of the University, the Scholarship was divided between the Universities of Manchester and Liverpool.

#### REGULATIONS.

1. One Scholarship of the value of £30, tenable for one year for the further study of Mathematics, may be awarded by the Standing Committee for the award of Fellowships and Scholarships, on the recommendation of the Professors of Mathematics. Candidates must have obtained a first class in the Final Honours Examination in Mathematics in the year of award or in the previous year, and should apply before June 30th.

2. The Fellowships and Scholarships Committee shall have power, in addition to the Scholarship, to make a grant of £50 to enable the Scholar to pursue or prepare for more advanced study or research in the University or in some other University or learned institution or under other suitable guidance, in a manner approved by the Committee, provided that persons holding any other Scholarship or Fellowship of the University shall not be eligible to receive the additional grant. Application for such additional grants must be made to the Registrar not later than July 15th next after the Scholarship has been awarded, and these awards shall be made in respect of the session next following the award, provided that, in the case of students who have been members of the Department for Training Elementary Teachers, the increment may be granted for the session next but one following the award of the Scholarship.

The Scholarship will be offered in 1934.

Last date for notice for Scholarship, June 30th.

Last date for application for increment, July 15th.

#### SCHOLARS.

##### *Under Old Regulations*

1883 J. W. Capstick ... ..	<i>Owens.</i>	1900 G. H. Bell ... ..	<i>Owens.</i>
1886 C. H. Lees ... ..	'	J. P. Gabbatt ... ..	<i>Univ.</i>
1892 J. D. Thompson ... ..		1901 John Blakeman ... ..	<i>Owens.</i>
1893 G. E. St. L. Carson ... ..	<i>Univ.</i>	F. T. Ellis ... ..	<i>Univ.</i>
1897 W. C. Bottomley ... ..	<i>Owens.</i>	1903 James Mercer ... ..	
(Exhibition) E. R. Forber... ..	<i>Univ.</i>	1904 L. V. Meadowcroft ... ..	<i>Manc.</i>
1899 J. N. Frankland ... ..	<i>Yorks.</i>		

\* For Derby Entrance Scholarship, see page 710.

*Under New Regulations.*

1905 No award	1922 James Morrall	} <i>Divided between</i>
1906 No award	Thomas Smith	
1907 A. A. Hoyle	1923 Florence Hyde	
1908 Sydney Chapman	1924 James Topping	
1910 F. M. Morris	1925 W. R. Andress	} <i>Divided between</i>
1911 Mary Taylor	Henry Tomlinson	
1913 C. A. Marsden	J. W. Withrington	
1914 P. A. W. Honeyman	1926 Leonard Daly	
1915 J. E. Jones	1927 Harold Davenport	
1916 No award	1928 Arthur Page	
1917 No award	1929-30 No award	
1918 Nora Fearnley	1931 B. J. Gorst	
1919 Doris Withington	1932* C. R. Darlington	
1920 No award	1933 S. R. Tibbs	
1921 T. S. Fazackerley		

## BISHOP HARVEY GOODWIN MATHEMATICAL SCHOLARSHIP.

Founded in 1916 by Harvey Goodwin, Esq., in memory of his father, the late Bishop Harvey Goodwin.

## REGULATIONS.

1. The value of the Scholarship shall be from £60 to £70, the exact amount to be determined at the time of award. The Scholarship shall normally be tenable for one year. In special circumstances, only, and when funds permit, an award of greater value may be made on the recommendation of the Professors of Mathematics and of the Senate.

2. The Scholarship shall be open to persons who have graduated in the Honours School of Mathematics of this University and to other suitably qualified candidates.

3. The Scholarship shall be awarded by the Senate on the recommendation of the Professors of Mathematics.

4. The successful candidate shall be required to pursue mathematical research in this University, except that graduates of this University may pursue research in some other approved institution.

The Scholarship will be offered in 1934.

Last date for notice, June 30th.

## SCHOLARS.

1924* A. T. Price	1929 Joseph Sherratt
* A. T. McKay	1930 No award
1926 No award	1931 A. F. Ingman
1928 Christine M. Guilbenkian	1932 Sam Wood
1927 E. T. Norris	1933 Albert Paynter
1928 No award	

## JOHN HENRY BECKWITH POST-GRADUATE SCHOLARSHIP IN ENGINEERING.

Instituted in 1930 from the accumulations in the John Henry Beckwith Funds.

## REGULATIONS.

1. The Scholarship is of the value of £100, tenable for one year, and will be offered when funds permit.

\* Resigned.

2. The Scholarship is open to persons who have graduated in the Honours School of Engineering in the Faculty of Science, and will be awarded by the Senate on the recommendation of the Professor of Engineering.

3. The Scholar will be required under the direction of the Professor of Engineering to undertake an approved course of research during his tenure of the Scholarship.

#### SCHOLARS.

1932 W. L. Goodwin, B.Sc. (*Special Grant*)

\*Robert Yeaton, B.Sc. (*Special Grant*)

#### SAMUEL BRIGHT RESEARCH SCHOLARSHIP IN PHYSICAL SCIENCE.

Founded in 1917 under the will of the late Mrs. Selina Mary Bright.

#### REGULATIONS.

1. The Scholarship shall be called "The Samuel Bright Research Scholarship in Physical Science," and shall be awarded on the results of the Final Examination in the Honours School of Physics.

2. It shall be of the value of £40, tenable for one year. The Scholarship may be renewed for a second year.

3. The Scholarship shall be tenable concurrently with a Graduate Research Scholarship.

4. With the permission of the Faculty of Science and of the Senate, the Scholarship shall be tenable at some approved Institution other than the University of Manchester.

The Scholarship will be offered in June, 1934.

#### SCHOLARS.

1924 W. A. Wood  
1925 Walter Binks  
1926 Elsie M. Firth  
1927 N. A. Alston  
1928-29 No award

1930 H. M. Parker } *Invited*  
Harry Potter } *between*  
1931 A. S. L. Morgan  
\*Deborah Jackson (*Additional Schp.*)  
1932 Duncan Cameron  
1933 Arthur Porter

#### DALTON CHEMICAL SCHOLARSHIPS.

#### REGULATIONS.

1. Two Scholarships each of the value of £65 tenable for one year are offered annually. A Scholar may apply for the renewal of his Scholarship for a second year but in such a case his application will be considered together with any new applications which have been received.

2. The Scholarships will be awarded to the candidates who produce the best evidence of their ability to conduct original investigation in Chemistry.

\* Resigned

3. Candidates must have studied Chemistry in the laboratories of the University during a period of not less than one entire session.

4. The successful candidates shall pursue an approved investigation in the Chemical laboratories of the University during the sessions of their tenure.

5. The Dalton Chemical Scholars will be admitted to the privileges of Research Students.

6. The Scholarships will be awarded at the end of the Summer term, and notice of intention to compete should be sent to the Registrar on or before June 1st.

The Scholarships will be offered in 1934.

#### SCHOLARS.

##### *Under Old Regulations.*

1920 No award	1926 Tom Hoop, B.Sc.
1921* J. F. Wilkinson, B.Sc.	Marcus Francis, B.Sc.
1921 L. R. Ridgway, B.Sc.	(for one year)
1922 Sidney Thornley, B.Sc.	1927 R. G. Fawcett, M.Sc. } <i>Divided</i>
<i>Special Bursary:</i>	A. T. Peters, M.Sc. } <i>between</i>
R. S. Hedges, M.Sc.	1928 A. G. Finch (for one year)
1925 Wilson Baker, M.Sc.	Alfred Pollard (for one year)
<i>Special Bursary:</i>	1929 Wesley Cocker (for one year)
R. S. Hedges, M.Sc.	W. H. Jones (for one year)
1924 John Haslam	1930 W. H. Jones (for one year)
1925* William Bradley, B.Sc.	
Vincent Bloomer, B.Sc.	

##### *Under New Regulations.*

1931 John Brittain	} <i>Divided</i>
W. B. Littler	
A. B. Stubbs	
<i>Special Bursary:</i>	
Alfred King	
1932 Jack Rigg	
W. S. M. Grieve	
<i>Special Bursary:</i>	
J. L. Tuck, M.Sc.	
1933† Geoffrey Gee	} <i>Divided</i>
Geoffrey Ogden	
J. L. Tuck	

#### MERCER SCHOLARSHIP.

This Scholarship was founded under the will of the late Robert Clayton Mercer, of Accrington, for the encouragement of the study of Chemistry. From the annual returns on the investment of the fund (£900) a Scholarship was founded. Until the University was reconstituted the Scholarship was open to the competition of students of its three constituent Colleges.

#### REGULATIONS.

1. There shall be one Scholarship of the value of £30 tenable for one year, to be offered for proficiency in Chemistry.

\* Resigned on appointment to another Scholarship.

† Resigned after one year of tenure.

‡ Resigned.

2. The examination for the Scholarship shall be the Final Examination for the Degree of B.Sc. with Honours in the School of Chemistry, and the competition shall be open to all candidates for Honours in the said School.

3. The Examiners shall be the University Examiners in Chemistry in the said School for the time being.

4. The holder of a Mercer Scholarship shall be allowed, to expend any portion of the income of his Scholarship on books to be bound and stamped with the University Arms.

5. The Committee shall have power, in addition to the Scholarship, to make a grant of £50 to enable the Scholar to pursue or prepare for more advanced study or research in the University or in some other University or learned Institution or under other suitable guidance, in a manner approved by the Committee, provided that persons holding any other Scholarship or Fellowship of the University shall not be eligible to receive the additional grant. Application for such additional grants must be made to the Registrar not later than July 15th next after the Scholarship has been awarded, and these awards shall be made in respect of the session next following the award, provided that, in the case of students who have been members of the Department for Training Elementary Teachers, the increment may be granted for the session next but one following the award of the Scholarship.

6. Any accumulations of the Mercer Scholarship Fund shall be expended by the Council, as it may from time to time determine after considering a report from the Senate, in money prizes, or book prizes, or exhibitions, or otherwise, for the encouragement of the study of Chemistry in the University.

The Scholarship will be awarded in 1934.

#### SCHOLARS.

1885 H. G. Colman ... ..	Owens.	1895 George Robinson ... ..	Owens.
1886 R. J. Brown ... ..	"	1896 R. T. Maudsley ... ..	"
1887 F. C. Garrett ... ..	"	1897 R. C. Farmer ... ..	Univ.
1888 J. A. Hall ... ..	"	1898 Norman Smith ... ..	Owens.
1889 Thomas Ewan ... ..	"	1899 John Taylor ... ..	"
1890 S. H. Davies ... ..	"	1900 C. H. Burgess ... ..	"
1891 W. A. Bone ... ..	Univ.	1901 H. D. Dakin ... ..	Yorks.
1892 A. F. Fryer ... ..	Owens.	1902 F. L. Pyman ... ..	Owens.
1893 W. E. Sims ... ..	"	1903 Harold Baron ... ..	"
1894 Walter Broxap ... ..	"	1904 J. S. Broome ... ..	Mane.
1905 Rona Robinson ... ..		1915 Harry Wignall ... ..	
1906 R. E. Slade ... ..		1916 H. W. Vernon ... ..	
1907 H. C. Greenwood ... ..		1917 William Davies ... ..	
1908 Robert Storey ... ..		1918 W. E. Alkins ... ..	
1909 Dan Tyrer ... ..		1919 R. D. Haworth ... ..	
1910 W. W. Close ... ..		1920 J. B. Speakman ... ..	
1911 David Cardwell ... ..		1921 Wilson Baker ... ..	
1912 Reginald Furness ... ..		1922 J. R. A. Jinks ... ..	
1913 Percy Chorley ... ..		1923 A. E. Oxford ... ..	
1914 E. C. Williams ... ..		1924 C. E. Marshall ... ..	
		1925 H. R. Leech ... ..	
		1926 A. C. Bottomley ... ..	
		1927 S. J. Folley ... ..	
		1928 F. L. Hudson ... ..	
		1929 A. E. Stubbs ... ..	
		1930 Jack Rigg ... ..	
		1931 Geoffrey Gee ... ..	
		1932 Louis Linnell ... ..	
		1933 A. G. Evans ... ..	

#### PRIZEMAN.

1891 Arthur Carey (£15) ... ..	Univ.
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SIR CLEMENT ROYDS MEMORIAL SCHOLARSHIP IN CHEMISTRY.  
Founded in 1920.

REGULATIONS.

1. The Scholarship is of the annual value of £200. In special circumstances only, and when funds permit, an award of greater value may be made on the recommendation of the Professors of Chemistry and of the Senate.

2. The object of the Scholarship is the encouragement of advanced study and research in Chemistry in the Faculty of Science, and the Scholar shall be required to devote his whole time to the pursuit (under the direction of the Professor of Chemistry) of such study and research, in the University of Manchester, as shall be approved by the Faculty of Science.

3. The Scholarship is open to British subjects of British descent born in or inhabitants of the County of Lancaster; and other things being equal, preference is given to candidates born in or inhabitants of the County Borough of Rochdale.

4. Candidates must furnish satisfactory evidence of their ability to pursue original research, *e.g.*, by submitting papers published in scientific Journals or theses presented for the M.Sc. or higher degrees of the University.

5. The election will be in the first instance for one year, but the Scholarship may be renewed for a second year if the holder can show a record of satisfactory progress, and in special cases the Senate may renew the Scholarship for a third year (or portion of a year).

6. The Scholar is required at the end of his tenure to present a report or thesis on the work done by him.

7. The Scholarship will be offered biennially, but if no award is made in any year when the Scholarship is offered the amount of the Scholarship not awarded may be applied for an additional Scholarship in another year, or may be used to make a special grant towards the cost of the research undertaken by a Royds Scholar.

The Scholarship will be offered in 1935.

Candidates intending to apply should give notice to the Registrar not later than June 1st.

SCHOLARS.

1921 J. F. Wilkinson, B.Sc.  
1923 Ernest Chapman, M.Sc.  
1924 F. A. Royle, M.Sc., Ph.D.  
1925\* E. A. Harrison } *Divided*  
      Sidney Thornley } *between*  
1926 E. N. Mottram, Ph.D.

1927 William Bradley, M.Sc.  
1929 Clifford Whitworth, M.Sc.  
1931 M. G. Evans, M.Sc.  
      Glyn Owen, M.Sc. (Special Schep.)  
1933 Ronald Preston

## LEBLANC MEDAL.

The Leblanc Memorial Committee presented the University with a portion of the surplus from the fund raised in France for the erection of a statue of the distinguished chemist, Nicolas Leblanc, the amount to be devoted to the encouragement of the study of Chemistry.

One bronze medal for distinction in a special subject may be awarded in each year to the candidate in the Final Examination for the degree of B.Sc. in the Honours Schools of Chemistry or Metallurgy who, having been placed in the first or second class is recommended by the Examiners for such award.

## PRIZEMEN.

1910 Henry Browning	1917 R. B. Rawcliffe	1922 J. R. A. Jinks
Fred Holt	W. E. Atkins	Harold Taylor (Bolton)
W. M. Roberts	Edith Heyworth	G. P. Tinker
1911 David Cardwell	W. J. Shutt	G. Whyatt
A. S. Robinson	1919 Gladys M. Burrows	Harold Wood
William Stafford	Maurice Cook	C. W. Wood
1912 Reginald Furness	R. D. Haworth	1923 Marion Heye
1913 Harry Bradbury	Lucy Higginbotham	W. J. Galloway
1914 H. D. Kay	1920 J. P. Brown	A. E. Oxford
W. K. Slater	E. Chapman	B. K. Braund
1915 J. W. Crabtree	Margaret G. Simpson	1924 J. W. Cuthbertson
T. H. Fairbrother	Enoch Swan	Tom Heap
1916 C. A. Blackwell	1921 Wilson Baker	1925 H. C. Hillary
George Smith	L. J. Harris	H. R. Leech
1917 Geoffrey Gladding	A. L. Jones	C. G. Sumner
Marion E. Mitchell	James Slate	1926-33 No award

## GRISEDAL SCHOLARSHIPS FOR BIOLOGICAL RESEARCH.

These Scholarships were founded in 1927 by the gift of an anonymous donor, who desired to promote the study of Plant and Animal Biology, preference being given in the latter case to studies dealing with the Invertebrata. The donor desired the Scholarship funds to be devoted to research in Botany and in Zoology.

## REGULATIONS.

1. One Scholarship of the value of £200 shall be offered annually, in either Botany or Zoology. As far as possible the Scholarship shall be held in Botany and Zoology alternately.

2. The Scholarship shall be tenable for one year, but the holder may be appointed for a second year.

3. The Scholarship shall be open to persons who have studied Botany or Zoology respectively in the University of Manchester or in some other approved institution.

4. The Scholarship shall be awarded by the Senate on the recommendation of the Professors of Botany and Zoology.

5. Candidates will be required to forward to the Registrar of the University, with their applications, a record of their Scientific and other qualifications, with such testimonials as they may think fit.

6. The Scholar shall, during the tenure of his Scholarship, devote himself to research in the Botanical or Zoological laboratories of the University of Manchester, except that, with the permission of the Senate, he may spend part of his time in pursuing his studies and research in laboratories elsewhere.

7. Except by special permission of the Senate the Scholar shall not hold the Scholarship at the same time as any other Research Scholarship or Fellowship.

8. If the Scholarship is not awarded in any year, two Scholarships may be awarded in a subsequent year.

9. Any accumulation of money in the Scholarship Fund may be applied in the award of an additional Scholarship. In special cases an extra grant not exceeding £25 may be made to a Scholar whose research involves the use of costly material or apparatus or who, with the approval of the Senate, spends part of the period of research at some other approved institution.

Candidates intending to apply should give notice to the Registrar not later than June 1st.

#### SCHOLARS.

<i>Botany.</i>	<i>Zoology.</i>
1927 Frances L. Stephens, B.Sc.	Rachel M. Smith, M.Sc.
1928 No award	No award
1929 Miriam K. Bishop, Ph.D. (Birmingham)	Isuan Thomas, M.Sc. (Wales)

#### *Under New Regulations.*

1930 Miriam K. Bishop, Ph.D. (Birmingham), in Botany.
1931 Lilian E. Hawker, B.Sc. (Reading), in Botany.
1932 Ralph Dennell, B.Sc. (Leeds) in Zoology.
1933 Isabel C. Cookson, D.Sc. (Melbourne), in Botany.

### THE PHILIP BUCKLE RESEARCH SCHOLARSHIP IN AGRICULTURAL ZOOLOGY.

Founded in 1924 in memory of the late Philip Buckle, M.Sc., by his sisters and brothers.

#### REGULATIONS.

1. The Scholarship shall be of the annual value of £120 and shall be offered at such times as funds permit.

2. The Scholarship shall be awarded by the Senate on the nomination of the Standing Committee for the award of Fellowships and Scholarships after recommendation by the Professor of Zoology.

3. The Scholarship shall be tenable for one year, but may be continued for a further year by the Senate on the recommendation of the Fellowships and Scholarships Committee after report from the Professor of Zoology.

4. The Scholarship shall be open, in the first instance, to graduates in Science of the University of Manchester, but, in the event of no suitable candidate from this University being available in any year, the Scholarship may be awarded to a graduate of some other British University, or to a candidate who, in the opinion of the Committee, possesses the required qualifications.

5. In the event of no Scholarship being awarded in Agricultural Zoology in any year owing to the lack of a suitable candidate, the Scholarship may be awarded in Agricultural Botany, or two Scholarships may be awarded in a subsequent year.

Should one Scholarship only be awarded under this clause, the Council, in order to increase the annual value of the Scholarship, shall add to the invested Fund the income accumulated during the year through the non-award of a second Scholarship.

6. Candidates must apply for the Scholarship not later than June 15th. The award will be made at the end of the Summer term. On election the Scholar must spend such portion of the Long Vacation as may be required in approved field-work in Agricultural Zoology either in Great Britain or abroad, and must, before the expiration of the Scholarship, present a report embodying the research carried out by him in the field and subsequently in the laboratory.

7. With the permission of the Committee and under conditions to be approved by the Professor of Zoology, the Scholar may be allowed to undertake teaching work in a University in the session next after the date of the award of the Scholarship.

8. The emoluments of the Scholarship shall normally be paid in two instalments; the first instalment of one-half the total sum before the Scholar begins his field-work, and the second instalment at the end of six months after the date of the award of the Scholarship, provided that, in special cases, the Fellowships and Scholarships Committee may, on the recommendation of the Professor of Zoology, authorise the payment of the full emoluments of the Scholarship before the Scholar begins his approved field-work.

The Scholarship will be offered in 1934.

Last date for application, June 15th.

#### SCHOLARS.

- 1925 C. C. Brookes, B.Sc.
- 1926 Robert Simpson, B.Sc.
- 1928 Ieuan Thomas, B.Sc. (Wales)
- 1931 Mary Miles, M.Sc.
- 1933 Morris Cohen, B.Sc.

**ROBERT PLATT PHYSIOLOGICAL SCHOLARSHIP.**

Founded in 1872 by the late Robert Platt, Esq., of Dunham Hall.

**REGULATIONS.**

1. One Scholarship of the annual value of £90 will be offered for competition.

2. The Scholarship is tenable for one year, and renewable for a second, and in exceptional cases for a third year.

3. The Scholarship is open for competition as well by persons who have not as by persons who have studied Physiology in the laboratories of the University of Manchester.

4. No person shall be a candidate for a Scholarship whose age on the first day of January in the year of award shall be less than eighteen or more than twenty-five years.

5. The Scholarship shall be awarded on the recommendation of the Professor of Physiology.

6. Candidates will be required to forward to the Registrar of the University a record of their scientific or other qualifications with such testimonials as they may desire.

In awarding the Scholarship it will be borne in mind that one of its primary objects is the encouragement of original research in Physiology.

7. The Scholar shall, during the tenure of his Scholarship, devote himself to the study of Physiology and to research in the Physiological laboratory of the University of Manchester; except that, with the permission of the Senate, he may spend part of his time in pursuing his studies and research in laboratories elsewhere.

8. With the permission of the Senate the Scholarship may be held at the same time as any other research scholarship or fellowship in the University.

The Scholarship will be offered in 1934.

Candidates intending to apply should give notice to the Registrar not later than June 10th.

**SCHOLARS.**

1921 S. L. Mucklow  
1922 Harry Zwarenstein  
1923 E. C. Smith  
1924 G. L. Brown  
1925 W. H. Newton  
1926 Caecilia E. M. Pugh  
1927 Benedict Finkleman

1928\* M. G. (i. Israëls  
1929 Eli Davin  
1930 J. A. A. L. Woodhead  
1931 H. L. Settle  
1932 G. D. Dawson  
1933 No award

**SIDNEY RENSCHAW SENIOR PRIZE IN PHYSIOLOGY.**

Established in 1930 from accumulations in the Sidney Renshaw Fund.

**REGULATIONS.**

1. A prize of the value of £20 will be offered annually, and will be awarded on the results of the Final examination for the degree

\* Resigned.

of B.Sc. in the Honours School of Physiology, provided that a candidate of sufficient merit presents himself.

2. In awarding the prize, preference will be given to a candidate who has signified his intention to proceed to a course of advanced study or research in Physiology.

#### PRIZEMAN.

1931 H. L. Settle  
1932-3 No award

#### MARK STIRRUP PALÆONTOLOGICAL SCHOLARSHIP.

The Scholarship was founded under the will of the late Mark Stirrup, Esq., of Bowdon, for the promotion of the study of Palæontology in the Victoria University of Manchester.

#### REGULATIONS.

1. There shall be one Scholarship of the value of £70 per annum tenable for two years, the continuation for the second year depending on the work done in the first year being satisfactory.

2. The Scholarship shall be open to all persons who have graduated in the Honours School of Geology within the previous eighteen months, and shall be awarded in June or July on the recommendation of the Examiners of the School.

3. Candidates will be required to give proof of such a degree of Zoological or Botanical knowledge as to qualify for the higher studies in Palæontology.

4. The Council, on the recommendation of the Senate, may award, where the funds permit, a further Scholarship on condition that the successful candidate shall pursue the study of Palæontology in the University, under the direction of the Professor of Geology.

5. Neither the Scholarship nor Prize shall be held in the same year with any Graduate Scholarship.

The Scholarship will be offered in 1934.

Candidates intending to apply should give notice to the Registrar not later than May 1st.

#### SCHOLARS.

1908 H. L. Hawkins, B.Sc.  
1910\* Margaret C. March, B.Sc.  
1911 Margaret C. March, M.Sc.  
1912† R. W. Palmer, B.Sc.  
1915 Henry Day, M.Sc.  
1916-21 No award

1922 A. T. Hopwood, B.Sc.  
1925 Gladys Nash, B.Sc.  
1928 Jack Shirley, B.Sc.  
1930 No award  
1931 F. W. Cope, B.Sc.  
1932-3 No award

#### PRIZEMEN.

1922 R. C. B. Jones  
1927 John Tomlinson, B.Sc. Tech.  
1928 Helen M. Tipper, B.Sc.

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\* Vacated Scholarship; received special grant.  
† Resigned.

**CORT MEDAL IN METALLURGY.**

Endowed from a donation given by Richard Johnson & Nephew Ltd., Manchester, in 1923, in memory of Henry Cort, of Manchester.

**REGULATIONS.**

1. A bronze medal shall be offered annually for award by the Senate, on the recommendation of the Examiners in the Honours School of Metallurgy, to the candidate who shall acquit himself with the greatest distinction in Part II. of the examination in that School, provided that, in the event of no candidate attaining a sufficiently high standard of distinction, the medal shall not be awarded.

2. Any accumulations of the Fund may be expended from time to time, on the recommendation of the Professor of Metallurgy, in the award by the Senate of a silver medal to a research worker in the Department of Metallurgy, whether a member of the Staff or not, who shall have published original contributions to the science of Metallurgy of sufficient importance.

SILVER MEDALIST :

1933 E. L. Francis

BRONZE MEDALIST :

1933 John Waddington

**DAUNTESSEY SENIOR LEGAL SCHOLARSHIP.****REGULATIONS.**

1. The Scholarship, which is offered annually, is of the value of £100 per annum and is tenable for one year, but may, in special cases, be renewed for a second year if funds permit. The Dauntsey Senior Legal Scholar has the status of a Fellow of the University, and is required during the period of his tenure of the Scholarship to devote himself, under the supervision of the Professors of Law, to an approved course of study or research in the University.

2. The Scholarship is awarded on the results of a special examination held in October in each year, and candidates must have passed the Final Examination for the degree of LL.B. with Honours in this University within the two sessions immediately preceding the examination. The Scholarship will not be awarded in any year in which, in the opinion of the examiners, there is no candidate of sufficient merit.

3. The subjects of examination are as follows :—

(i.) The Principles of the Law of Real Property and Equity.

(ii.) Common Law, including the elements of the more important commercial contracts, and

(iii.) Any *two* of the following :—

(a) Jurisprudence.

(b) Roman Private Law, including translation from Latin Texts, and comparison between Roman and English Law.

(c) International Law, public and private.

Last date for application, May 1st.

Next examination, October 4th—5th, 1933.

#### SENIOR SCHOLARS.

1926 Allan Winterbottom, LL.B.

1927-31 No award

1932 J. E. Driver, LL.B.

#### ASHBY MEMORIAL RESEARCH SCHOLARSHIP IN DISEASES OF CHILDREN.

The Scholarship is founded in memory of the late Dr. Henry Ashby, of Manchester, to promote the study of the Diseases of Children, and shall be called the Ashby Memorial Research Scholarship.

#### REGULATIONS.

1. The Scholarship will be open to any medical man or medical woman whose qualification is registrable in England by the General Medical Council, and who shall furnish evidence of fitness for undertaking the research work required.

2. The Scholarship will be offered every third year, and will be of the value of £100.

The subject for research, which must relate to the Diseases of Children, will be announced in March of each third year. Candidates may, subject to the approval of the Scholarship Committee, propose subjects for research in Children's Diseases.

3. A permanent Scholarship Committee shall be formed, consisting of the following members:

- (1) The Vice-Chancellor of the Victoria University of Manchester.
- (2) The Lecturer in Diseases of Children, University of Manchester.
- (3) The Professor of Systematic Medicine, University of Manchester.
- (4) The Professor of Systematic Surgery, University of Manchester.
- (5) The Professor of Pathology, University of Manchester.
- (6) The Chairman of the Board of Governors, Manchester Children's Hospital.
- (7) The Senior Physician of the Manchester Children's Hospital.
- (8) " Surgeon " " " "
- (9) The Chairman of the Education Committee of the Corporation of Manchester.

This Committee shall select the subject for research, and shall award the Scholarship. The Committee, however, shall have power to withhold the award, should no suitable candidate apply, or should the work, in their opinion, be of insufficient merit.



One-third of the above amount will be paid to the Scholar on appointment, a second third on the presentation of a satisfactory interim report of the work accomplished, and the remainder on the completion of the research to the satisfaction of the Committee.

4. In the event of no award being made in any triennial period, the income not required for the Scholarship Fund may be applied in such manner as the Committee may decide, but so as to promote the study of Diseases of Children.

5. The research work required by the terms of the Scholarship shall be carried on, in part, in the Manchester Children's Hospital, and in part in the laboratories connected with the Medical Department of the Victoria University of Manchester. Part of the work may be carried on in any other hospital or laboratory within the district of Manchester or elsewhere, as may be approved by the Committee.

6. Candidates for the Research Scholarship shall state in their application their qualification for undertaking the research, and shall submit to the Committee any original work already done by them. The successful candidate shall forthwith commence the research work and shall complete it within twelve months; but should the candidate require an extension of time in order to complete the research, the Committee shall have power to grant this extension.

7. Upon the conclusion of the work the Research Scholar shall present a complete report of it to the Committee, in whom the copyright shall be vested.

8. The work on which the Ashby Memorial Research Scholarship has been awarded shall not be published, in whole or in part, as such, without the sanction of the Committee.

9. On the recommendation of a majority of the Committee, and with the consent of the representatives of the Manchester Children's Hospital, the Council of the University shall have power to modify the details of the foregoing clauses, provided always that the object of the foundation, viz., the permanent endowment of Research Work in the Diseases of Children as a memorial of the late Dr. Henry Ashby, be maintained.

The Scholarship will be offered in 1934.

Last date for notice, June 30th.

#### SCHOLARS.

- 1910 H. T. Ashby, B.A., M.B., M.R.C.P.  
 C. P. Lapage, M.D., M.R.C.P.  
 1913 John Morley, M.B., Ch.M., F.R.C.S.  
 1916 Lily Allan, M.B., Ch.B.  
 1919 Harry Platt, M.S. (London), F.R.C.S.  
 1922 Ruth E. Conway, M.B., Ch.B., M.R.C.P.  
 1925\* Abram Rosenstone, M.B., Ch.B.

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\* Resigned

**DR. ROBERT ANGUS SMITH SCHOLARSHIP.**

Founded in 1928 under a bequest with which the Testator desired to associate the name of his sister, Jessie Knox Smith. The bequest was made for the foundation of a scholarship in recognition of the services to the advancement of science of Robert Angus Smith, LL.D., D.C.L., F.R.S., the uncle of Jessie Knox Smith.

**REGULATIONS.**

1. The Scholarship shall be for the encouragement of research in Sanitary Science.

2. The Scholarship shall be offered biennially and shall be tenable either in the Department of Bacteriology and Preventive Medicine or in the Department of Municipal Engineering of the Faculty of Technology. It shall ordinarily be tenable for a period of one year but, when the funds of the trust permit, a renewal may be granted for a further period to a scholar upon whose progress a satisfactory report has been made.

3. The Scholarship shall be of the value of £150, but the Committee shall have power to recommend the award of a Scholarship of lesser value.

4. The Scholar shall be required to devote the whole of his time to research and shall not be allowed to hold concurrently with the Scholarship any other Fellowship or Scholarship or paid appointment, except by special permission of the Senate, who shall in such cases have power to reduce the value of the Scholarship.

5. Application must be made to the Registrar not later than June 1st in the year of award and must be accompanied by a statement of the proposed subject of research and of the qualifications of the candidate to undertake it.

6. The Scholarship shall be awarded by the Senate on the recommendation of a committee, consisting of the Deans of the Faculties of Science, Medicine, and Technology, the Professor of Bacteriology, and the Lecturer in charge of the Department of Municipal Engineering.

7. Should no suitable candidate apply in any year the offer will be made in the following year.

8. Any accumulation which may arise in the fund owing to non-award or for other reasons may be applied in the award of an

additional Scholarship or, in special cases, in an increase in the emoluments of the Scholarship, or by making additions to the capital sum.

The Scholarship will be offered in June, 1935.

Last date for application, June 1st.

**SCHOLAR.**

1929 Rupert Lyth, B.Sc.

1931-32 No award

1933 W. S. M. Grieve, M.Sc.

**THE ELIZA MARPLE HOLT POST-GRADUATE MEDICAL SCHOLARSHIP  
FOR WOMEN.**

Founded under a bequest of the late Miss Eliza Marple Holt, of Southport.

**REGULATIONS.**

1. The Scholarship shall be offered biennially and shall be of the value of £60, tenable for one year.

2. The Scholarship shall be open to women who are duly registered medical practitioners, and who have spent at least three years of their course of medical and surgical study at the University of Manchester, provided that not more than three years have elapsed since the date of such registration.

3. Candidates for the Scholarship shall submit a statement as to the work they propose to carry out and such evidence as they may think fit of their qualifications for the work, including any thesis or original research.

4. The election to the Scholarship shall be made by the Senate on the recommendation of the Standing Committee for the award of Fellowships and Scholarships, after report from the Sessional Committee on Grants in Aid of Medical Research.

5. The successful candidate shall be required either to undertake a course of post-graduate study or to engage in original research.

6. No Scholar shall be permitted to hold any paid appointment or to undertake remunerative work without the previous permission of the Senate, which shall have power in such cases to reduce the value of the Scholarship.

7. A Committee, consisting of two members of the teaching staff elected by the Senate, shall be appointed to direct and supervise the work of the Scholar and to report thereon.

Applications for the Scholarship must be sent, in writing, to the Registrar not later than October 1st in the year of offer.

If no award is made in October, 1933, the Scholarship will be offered in 1934.

GOLD MEDAL IN CONNECTION WITH DISSERTATIONS FOR THE DEGREE OF M.D., AND WITH THE EXAMINATION FOR THAT DEGREE AND FOR THE DEGREE OF CH.M.

A Gold Medal is awarded either for a Dissertation for the degree of M.D. reported by the Board of the Faculty of Medicine to be distinguished by marked originality and special excellence, or for special distinction obtained at the examination for the degree of M.D. or of Ch.M.

## MEDALLISTS

## M D.

1910 William Dyson  
1911 R. H. Titcombe  
1912 Frances M. Huxley  
1913 Daniel Dougall  
1915 J. S. B. Stopford  
1920 Jacob Holker  
1921 J. A. Panton  
Harry Platt  
1923 J. C. Bramwell  
Eugenia R. A. Cooper  
W. H. Wood

1924 K. V. Bailey  
F. R. Ferguson  
1925 W. M. Roberts  
1927 T. H. Smirk  
1930 H. M. Turner  
1931 H. L. Sheehan  
G. S. Smith  
J. F. Wilkinson  
1932 Donal Sheehan  
Raymond Whitehead

## CH.M.

1912 E. E. Hughes

MACLAREN COTTON INDUSTRY RESEARCH SCHOLARSHIP.

Founded in 1923 by a bequest of £1,000 under the will of the late Mr. R. D. MacLaren, of Manchester and Hale.

## REGULATIONS.

1. The Scholarship shall be for the encouragement of research in an approved subject bearing on the cotton industry.

2. The Scholarship shall be of the value of £100. It shall be tenable for one year and awarded biennially.

3. The Scholarship shall be open to the competition of graduates of the University of Manchester of not more than three years' standing from the date of their first degree. In the absence of suitable candidates from the University of Manchester the competition shall be open to graduates or persons who have passed the final examination for a degree of another approved University, and of not more than three years' standing from the date of graduation or of passing such examination.

4. The Scholarship will be awarded by the Senate on the recommendation of a Committee appointed for the purpose. The Committee in making a recommendation shall have regard both to the relative merits of the candidates from various Faculties and the subject of research proposed by them.

5. Application must be made not later than June 1st in the year of award. Applicants must state their academic record; the subject connected with the cotton industry which they propose for research; and must supply evidence of their fitness from a University teacher in whose Department they have studied.

6. The Scholar will be required to conduct his research under a Supervisor appointed by the Committee.

7. The emoluments of the Scholarship shall be paid in quarterly instalments, subject to the satisfactory progress of the Scholar.

8. The Scholarship shall not, except by special permission of the Senate, be tenable with any other University Fellowship, Scholarship, or Exhibition.

9. Should no suitable candidate apply in any year, an award may be made in the following year.

10. Any accumulation of money in the Scholarship Fund may be applied in the award of an additional Scholarship, or in the award of a Bursary of less than £80 under the same conditions as the Scholarship, or, in special cases, by a grant not exceeding £25 to a Scholar whose research involves the use of costly material, or who, with the consent of the Committee, spends part of the period of research at some other approved Institution.

The Scholarship will be offered in June, 1931.

Date of application, June 1st.

#### SCHOLARS.

1927 B. K. Murthy, B.Sc.Tech.  
1929 John Ashworth  
1931 E. M. Gray, B.Sc.Tech.  
1933 No award

### GRADUATE BURSARIES IN EDUCATION.

#### REGULATIONS.

1. Graduate Bursaries, not more than six in number, will be offered annually to students who have completed a University degree or the equivalent in any University in Great Britain or Ireland. In the case of three of these, preference will be given to graduates of Manchester University if suitable candidates present themselves.

2. The bursaries will take the form of exemption from the payment of fees for the Diploma course.

3. The awards will be made in July, and candidates will be required to enter for the courses of training under the Regulations of the Board of Education for the Training of Teachers for

**Secondary Schools.** They will be required to enter on the course of training about the middle of September, to complete it before the end of the following July, and to enter for the Teacher's Diploma Examination of the year following their election to the bursary.

The bursaries will only be awarded to candidates who give evidence of a high standard of proficiency.

4. No candidate shall be eligible in whose case more than two and a half years have elapsed since the completion of the degree course.

5. Applications should be sent in to the Registrar before June 20th in each year, accompanied (in the case of students other than those of the University of Manchester) by evidence of academic attainments. Students who have had experience in schools should also submit evidence of experience in teaching from the Principals of the schools where they have been employed. Candidates may also submit evidence of attainments other than those secured in the University degree which are likely to be of service in the teaching profession.

6. The election will be made by the Senate on the recommendation of the Faculty of Education.

#### BURSARS.

- |                                     |  |
|-------------------------------------|--|
| 1912 Mary Taylor, M.Sc.             | 1916 Marjorie Bell, B.Sc.   <i>Divided</i> |
| Arthur Douglass, B.Sc.              | Doris Lea, B.Sc.   <i>between</i>          |
| Frances H. Ashley, B.A.             | Beatrice M. Hopley (Hons. Eng.)            |
| W. F. Mindham, B.Sc. (resigned)     | (Oxford)                                   |
| A. B. Wood, B.Sc.                   | Nora F. Louch, B.A.                        |
| Florence O'Brien, B.A.              | Janet Macpherson (Math. Trip.)             |
| Harold Hoyle, B.Sc.                 | (Cambridge)                                |
| 1913 Benjamin Hodgkinson, B.Sc.     | Thomas Smith, B.Sc.                        |
| L. H. Gilbert, B.A.                 | Ursula Thomas, B.A.                        |
| G. E. Condliffe, B.Sc.              | 1917 Gertrude Smith, B.A.                  |
| Bernard Williams, B.Sc.             | Martha H. Dobson, B.A.                     |
| Elsie Nixon, Hist. Tripos,          | 1918 Alice Jackson, B.A.                   |
| Parts I. and II.                    | 1919* Marjorie P. Jones, B.A.              |
| Hilda Hancock, B.Sc.                | Mabel N. Davies-Colley (Hons               |
| Dorothy Hoffert, Natural Science,   | French) (Oxford)                           |
| Tripes, Part I.                     | 1920 No award                              |
| 1914 Hilda Carr, B.A.               | 1921 Arthur Aspinall, B.A.                 |
| Jessie S. Davis, B.A.               | George Taylor, B.A.                        |
| Dorothy A. Stewart, B.Sc.           | L. T. Lowe, B.Sc.                          |
| Margaret E. Bowman, Math. Tripos,   | 1922 W. W. Kinsey, B.A.                    |
| Parts I. and II.                    | 1923 J. J. Slotki, B.A.                    |
| Amie Ellis, Math. Tripos, Parts I.  | 1924 Millicent Holland, B.A.               |
| and II.                             | *Mary Spencer, B.A. (London)               |
| Gladys D. Mason, Math. Tripos,      | 1925* Frances W. Lofthouse,                |
| Parts I. and II.                    | B.Sc. (London)                             |
| 1915 George Darwin, B.Sc.           | Frances Humphreys-Edwards,                 |
| Constance M. Lightbown, B.Sc.       | B.A. (Cambridge)                           |
| Frederica Sullivan, B.A.            | 1926 Joan Elliot, B.A. (London)            |
| Janet M. Wrang, B.A.                | 1927 No award                              |
| Dora M. Hudson, Hons. Eng. Lang.    | 1928 G. H. Sylvester, B.A. (Admin.)        |
| and Lit. (Oxford)                   | 1929-30 No award                           |
| Leota K. Bennet, Historical Tripos, | 1931 E. V. Casey, M.Sc.                    |
| Parts I. and II.                    | 1932-3 No award                            |

## WITHERS PRIZE.

A sum of £100 was given by Hartley W. Withers, Esq., to endow a prize in memory of his brother, the late Professor Withers, who was Professor of Education in the Owens College from 1899 to 1902.

The Prize, which is of the value of about £5, is awarded on the results of the Teacher's Diploma Examination.

## PRIZEMEN.

1910 J. M. Bell, B.A.	1921 Kathleen Brown, B.Sc.
1911 E. Jackson, B.A.	1922 T. S. Puzoskerley, B.Sc.
1912 W. M. Gregory, B.Sc.	1923 Geoffrey Bullough, B.A. } <i>Divided</i>
1913 A. B. Wood, B.Sc.	Walter Dorevul, B.A. } <i>between</i>
1914 Harold Kay, B.A.	1924 J. E. Mason, B.A.
Elsie Nixon (Hist. Trip. Camb.)	1925 Albert Greenough, B.Sc.
1915 Percy Knowles, B.Sc. } <i>Divided</i>	1926 Bessie Chatterton, B.Sc.
Wilfred Whalley, B.Sc. } <i>between</i>	1927 Joan Elliot, B.A.
1916 Elsie R. Wilkinson, B.A.	1928 J. K. Elliot, B.Sc. } <i>Divided</i>
1917 Dorothy Bell, B.A. } <i>Divided</i>	Fred Pothergill, B.Sc. } <i>between</i>
Mary B. McPherson, B.A. } <i>between</i>	1929 N. A. Alston, M.Sc.
1918 Myrtle Child, B.A.	1930 F. H. Robinson, B.A.
1919 Doris N. Chew, B.A. } <i>Divided</i>	1931 Doreen Ingram, B.A.
Alice Jackson, B.A. } <i>between</i>	1932 C. C. Bayley, M.A. } <i>Divided</i>
1920 Margaret A. J. Higham (Hist. Trip. Camb.)	Rhoda Bradshaw, B.A. } <i>between</i>
	1933 Joan L. Harley } <i>Divided</i>
	Fred Higson } <i>between</i>

## (1851) EXHIBITION INDUSTRIAL BURSARIES.

The Bursaries are intended to assist candidates who have been *bona fide* students of Science for a period of three years to take up practical engineering, chemical, or other industrial work. Candidates must be British subjects under the age of 25. The Bursaries will be of a value not exceeding £150 a year, and will be tenable for one year, renewable for a second, and, in special circumstances, for a third year.

## INDUSTRIAL BURSARS.

1911 E. J. Parish, B.Sc.	1924 A. H. D. Markwick, B.Sc.
T. M. Ritchie	J. H. M. Higginbotham, B.Sc.Tech.
1912 W. G. Spenser, B.Sc.Tech.	T. R. P. Harrison, B.Sc.Tech.
William Stafford, B.Sc.	J. E. Hatton, B.Sc.Tech.
1913 G. H. Hunt, B.Sc.	1925 Horace Spibey, B.Sc.Tech.
F. H. Williamson, B.Sc.Tech.	Edwin Leach, B.Sc.Tech.
1914 H. G. Bell, B.Sc.Tech.	1926 G. A. Arnett
Joe Handforth, M.Sc.	Stanley Jennett, B.Sc.
H. L. Southern, B.Sc.Tech.	1927 John Barton, B.Sc.
1919 Erconwald Holland, B.Sc.Tech.	F. S. Timmon, B.Sc.Tech.
1920 Samuel Chadwick, B.Sc.Tech.	1928 T. H. Asprey, B.Sc.
J. D. Cockcroft, B.Sc.Tech.	Fred Hall, B.Sc.Tech.
E. H. Lewis, B.Sc.	1929 Oscar Elden, M.Sc.
1921 V. A. Brown, B.Sc.Tech.	James Hargreaves, B.Sc.Tech.
F. S. Edwards, B.Sc.	Willie Jackson, M.Sc.
Lionel Williams, B.Sc.Tech.	John Shackleton, B.Sc.Tech.
1922 C. G. Benstead, B.Sc.Tech.	1930 W. H. R. A. Coates
F. W. Woodfield, B.Sc.	1931 W. G. Robinson, B.Sc.Tech.
K. J. R. Robertson, B.Sc.Tech.	Sydney Radcliffe, B.Sc.Tech.
1923 R. A. Hacking, B.Sc.	1932 Harry Kay, M.Sc.Tech.
Arthur Goffey, B.Sc.	Arnold Atherton, B.Sc.
R. E. L. Tricker, B.Sc.Tech.	1933 Gerald Murray, B.Sc.
C. R. Smith, B.Sc.	J. P. Cooper, B.Sc. Tech.

## INDUSTRIAL RESEARCH SCHOLARSHIPS.

These Scholarships were founded to enable Graduates and others to obtain training in the methods of research, with the object of rendering them better qualified to enter industry.

## LEVINSTEIN SCHOLARS.

*Organic Chemistry in relation to dye-stuffs.*

- 1918 W. F. Short, B.Sc.  
1919 R. D. Haworth, B.Sc.  
1920 No award

## SIMON-CARVES SCHOLARS.

*Inorganic Chemistry*

- 1918 W. E. Alkins, B.Sc.  
1919 John Harwood, B.Sc.  
1920 No award  
1921 L. E. Benson, B.Sc.  
1922\* M. D. Pearson, B.Sc.  
Harold Entwistle, B.Sc.  
1924 Harold Entwistle, B.Sc.  
1926 Joseph W. Cuthbertson, B.Sc.

## RESEARCH TRAVELLING GRANTS.

The University Council has set aside a sessional sum of £50 for the provision of small grants to cover the cost of travelling, Library, or inspection fees and similar expenses incurred in obtaining access to material and in consulting authorities.

## REGULATIONS.

1. The grants will be made by the Fellowships and Scholarships Committee on the recommendation of the Professors under whose direction the students are working.

2. The grants will normally be made to students who have proceeded to the Degree of Master, but the Committee may award grants for special reasons to students who have not yet proceeded to the Degree of Master.

3. The total amount of grant or grants from this fund to any student shall not exceed £15.

4. Applications by students must, in the first instance, be submitted to the Professors under whose direction they are working.

No date is fixed for applications which may be made by students as the necessity for such grants arises.

## STUDENTS RECEIVING GRANTS DURING THE SESSION 1932-33.

C. B. Elliott, B.A. (*History*)  
Annie Halliwell, B.A. (*French*)

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\* Resigned.



## Studentships.

### HARRY THORNTON PICKLES POST-GRADUATE STUDENTSHIP IN HISTORY.

This Studentship was founded in 1920 by Mr. Stephen Pickles, of Barnoldswick, in memory of his son Lieutenant Harry Thornton Pickles, M.A., LL.B., a graduate and Lecturer in Law in the University, who was killed in action in France, April 24th, 1916.

#### REGULATIONS.

1. The Studentship is of the value of £50 and will be offered biennially. The Studentship will be tenable for one year, but is renewable for a second year if the holder makes satisfactory progress.

2. The Studentship is open to competition by members of the University of Manchester, and also by candidates who have studied History in any other approved University or College. The award is made in the same way and on the same conditions as obtain for the Edmund Roscoe Post-Graduate Scholarship, except that there is no limitation to British subjects. (See page 791.)

3. The above regulations may be modified by the Council, after report from the Senate, in such manner as may be considered desirable from time to time, provided that no alteration shall be made which shall be inconsistent with the terms of the resolution of the Council of the University accepting Mr. Stephen Pickles' benefaction.

The Scholarship will be offered in June, 1935.

Last date for application, June 15th.

#### STUDENTS.

1922 Gertrude A. Jacobsen, M.A. (Minnesota)	1929 Margery L. Hoyle, M.A.
1923 James Walker, B.A. (Liverpool)	1931 J. C. Harries, B.A. (Oxford)
1925 Helen C. Hughes, M.A. (Oxford)	1933 Frank Taylor, M.A.
1927 Decima L. Douie, B.A. (Oxford)	

#### JEVONS STUDENTSHIP.

A sum of £1,300 having been subscribed for the purpose of founding a memorial to the late William Stanley Jevons, some time Professor of Logic, Mental and Moral Philosophy, and Political Economy, at Owens College, and afterwards Professor of Political Economy at University College, London; and it having been decided that the annual income from the fund should in

every third period of two years be paid to the Treasurer of the College for the promotion of economic science, either by the institution of lectures, or the encouragement of economic research, the Council decided to offer for award a Jevons Studentship.

REGULATIONS.

1. The appointment will be made by the Senate, not on the results of examination, but after consideration of documentary or other evidence furnished to them.

2. In his application the candidate should indicate the particular line of research he proposes to undertake. He should at the same time offer evidence of having received a sound and systematic education in economic science, together with such other evidence as shall be satisfactory to the Senate that he is qualified to prosecute some special investigation in the manner indicated in § 5. Finally, he should enclose a satisfactory testimonial of character and conduct, and should give the names of not more than three persons from whom further information may be sought.

3. The value of the Studentship will be £120 for the year. In case of resignation or other withdrawal from the Studentship, payment will be made for the time during which the Studentship may have been actually held.

4. The holder of the Studentship will be expected to devote his time to the investigation of some economic problem connected with the industries of Lancashire.

5. He will be required to furnish from time to time evidence of the due progress of the work.

6. He is expected to reside in Manchester during the academical year, unless he shall satisfy the Senate that his research can be more advantageously conducted elsewhere.

7. The Student will be expected to enter into residence on the first day of the Michaelmas term succeeding the award.

Due notice will be given of the next offer.

STUDENTS.

1891 No competition  
1897 No award  
1898 S. J. Chapman, M.A.  
1903 E. R. Dewsnap, M.A.

1909 H. M. Hallsworth, M.A., B.Sc.  
1915 Joseph Shuttleworth, B.A., B.Com.  
1922 George Breeze, B.Com.  
1930 Wilfred Prest, B.A. (Leeds)

ADVANCED STUDENTSHIP IN EDUCATION.

REGULATIONS.

An Advanced Studentship in Education, of the value of £150, will be offered from time to time under the following conditions :

1. The Studentship will be open to candidates holding the Teacher's Diploma of this University who have previously passed

the Final Examination for a degree in this or some other approved University.

2. The successful candidate will undertake investigation into some problem of educational importance and register as a candidate for the degree of M.Ed. With the sanction of the Board of the Faculty of Education the candidate may hold a part-time appointment in an educational institution in the neighbourhood of the University.

3. In awarding the Studentship regard shall be had to evidence of the candidates' ability in practical teaching as well as to their intellectual attainments.

Due notice will be given of the next offer. Applications should be addressed to the Registrar not later than May 1st.

#### STUDENTS.

##### *Under Old Regulations.*

1911 Kathleen A. Shepherd, M.A.

1911 Wilfred Vickers, M.Sc.

##### *Under New Regulations.*

1912 Janet M. Blakeway, B.A.

1919 Doris N. Chew, B.A.

Mary Wainstey, B.Sc.

1920 No award

Stanley Wyatt, M.Sc.

1921 Nora F. Hartley, M.A.

1913 Frances H. Ashley, B.A.

1922 Clifford Fernihough, B.A.

W. C. Watson, B.A.

1923 William Atherton, B.Sc.

1914 H. H. Palmer, B.Sc.

1924 J. E. Mason, B.A.

Elizabeth M. Bradley, B.A.

1925 Albert Greenough, B.Sc.

1915 No award

1926 R. N. Bates, B.Sc.

1916 Ruth Cole, B.A.

1927 George Tyson, B.Sc.

1917 Dorothy Hardaker, B.A.

1928-31 No award

1918 Mary A. Robson, B.A.

1932 C. G. Wise, B.Sc., M.Ed.

#### ELECTED RESEARCH STUDENTSHIPS.

##### REGULATIONS.

1. Persons desirous of pursuing an original research, and in the opinion of the Professor concerned qualified to conduct it, may be proposed by him to the Faculty concerned for recommendation to the Senate as Elected Research Students, and may be appointed by the Senate. They will in the first instance be admitted for not more than one session; but the period may be extended from time to time by the Senate, on the recommendation of the Professor concerned.

2. Elected Research Students shall pay a fee to be from time to time fixed by the Council on the recommendation of the Senate. They are required to provide themselves with any special material or apparatus necessary for the research undertaken by them. The fee for Elected Research Students in Arts subjects will cover admission to the Library and to all classes in the subject in which they may be elected to research.

3. The results of the work of Elected Research Students may from time to time be published by the Council on the recommendation of the Senate.

Past Elected Research Students may on the recommendation of the Director be admitted by the Senate to do research work in any of the Laboratories on payment of such amount (if any) for expenses without further fee as may be determined by the Vice-Chancellor and the Director. Such admission shall be limited in the first instance to one year, but may be renewed.

4. Other persons may be admitted to the research laboratories on the recommendation of the Director, on the payment of the fees required. Persons also desiring to be admitted to the laboratories for special work of an occasional character or for a limited term may be admitted on the payment of the fees required.

STUDENT APPOINTED IN 1932-33

B. A. Renshaw, B.A.

#### (1851) EXHIBITION SENIOR RESEARCH STUDENTSHIPS.

In 1922, the Royal Commissioners of the (1851) Exhibition withdrew the offer of the Research Scholarships, which were of the value of £200 per annum, and substituted therefor an offer of five Senior Research Studentships of the value of £400 per annum, tenable for two years and in exceptional cases for a third year.

The Studentships are intended to give a few selected students of exceptional promise and proved capacity for original work the opportunity of devoting their whole time to the prosecution of scientific research for a period of not less than two years

Candidates must be recommended by Professors or Heads of Departments through the executive authorities of such Institutions as may be invited by the Commissioners to recommend for the awards.

Full particulars may be had on application to the Registrar.

The successful candidates named below were nominated by the University of Manchester.

#### STUDENTS.

- 1922 J. E. Jones, D.Sc.
- 1924 J. E. Jones, D.Sc. (for a third year)
- 1926 A. J. Bradley, M.Sc., Ph.D.
- 1927 E. J. Williams, M.Sc., Ph.D.
- 1928\* Bernard Cavanagh, M.A. (Oxford), B.Sc. (London)

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\* Resigned.

**Fellowships.**

NOTE.--Except where otherwise provided, recommendations for Fellowships of the University will be considered by the Standing Committee for the Award of Fellowships and Scholarships in order that nominations may be made to the Senate.

**†LANGTON FELLOWSHIP.**

Founded and endowed in the year 1878 with a sum of £4,200, by the subscribers to a fund raised by the friends and admirers of the late William Langton, Esq., of Docklands, Ingatestone, Essex, and of Manchester.

**REGULATIONS.**

1. The Fellowship is of the annual value of two hundred pounds, and is tenable for three years.

2. Candidates must have been day students in the University for not less than three sessions, and must during their studentship, or within one year after the close of the same, have obtained a degree of some University of the United Kingdom.

3. No student will be allowed to compete after the expiration of five years from the date of his graduation.

4. The Fellowship will be awarded to the candidate who, being in the opinion of the Council deserving of the Fellowship, gives evidence of high excellence, whether in one subject or group only, or in several.

5. During the tenure of the Fellowship the Fellow shall, with the sanction of the Council, after consultation with the Senate, either continue his studies at the University or act as Assistant or Occasional Lecturer or Demonstrator therein, or give evidence to the satisfaction of the Council that he is making specific preparation for one of the learned Professions, or that he is engaged in the prosecution of some study or research which the Council shall approve, provided always that the Fellowship is not to be held as an Undergraduate Exhibition at any University in the United Kingdom, or with a Fellowship other than honorary at any other College or University. The Fellowship may, with the permission of the Senate, be held together with an approved part-time post in the University.

6. No fees will be charged in respect of the Fellowship, but the Fellow will be required to pay the fee of any course in the University attended by him.

7. Each candidate will be required to signify to the Council his readiness to offer himself for examination, and may, if he thinks fit, submit evidence of his ascertained proficiency in the subjects of one of the following groups :

- (1) Classics, including Ancient History, Ancient Philosophy, Archæology, and Comparative Philology.
- (2) Philosophy, Ancient and Modern.
- (3) History, Ancient and Modern, with Political Economy.
- (4) Modern Languages and Literature.
- (5) Oriental Languages and Literature.

8. The examination when held will be conducted on paper, with or without oral examination, as the Examiners shall determine.

9. The next award of the Fellowship will be made in June, 1935. Candidates are required to send to the Registrar, on or before June 1st, written notice of their intention to compete. Every candidate will be required at the same time to state in what group he intends to offer himself. He will also be required to produce such evidence of his qualifications under § 2 as the Council shall deem sufficient. A list of candidates found by the Council to be duly qualified will be given to the Examiners, and no person will be eligible who is not on the said list.

10. The Council may, on the recommendation of the Senate, make grants out of accumulations in the Fund in aid of research undertaken by graduates of the University in the subjects of the Fellowship. Persons to whom such grants are made shall be described as Langton Bursars.

The Fellowship will be offered in 1935.

Last date for notice, June 1st.

#### FELLOWS.

- 1878 T. W. Dougan, B.A., in Classics
- 1886 Fred Harsley, B.A., in English Language
- E. W. Rhodes, B.A., in English Language
- 1893 Heinrich Walder, B.A., in Classics
- 1899 J. M. Asher, B.A., in Philosophy
- 1902 F. M. Powicke, B.A., in History
- 1905 A. H. Baker, B.A., in History
- 1908 Arthur Jones, M.A., in History
- Douglas Knoop, M.A., in Economics
- 1911 Mark Hovell, M.A., in History
- 1914 V. H. Galbraith, B.A., in History
- 1917 Maurice H. Farbridge, M.A., in Oriental Studies
- 1920 Arthur Redford, M.A., in History
- 1923 R. F. Treharne, B.A., in History
- 1926 Constance Brooks, B.A., in Italian
- 1929\* Thomas Walton, M.A., in French
- 1932 Austin Gill, B.A., in French
- Jack Stafford, M.A., in Economics

#### LANGTON BURSARS.

- 1921 Edith C. Newell, M.A. (*Special Grant*)
- 1923 William Matthews, B.Com. (*Special Grant*)
- 1929 Alys L. Gregory, M.A.
- 1930 L. V. Sumner, B.A.
- William Lawson, B.A.
- 1931 Frank Taylor, B.A.

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\* Resigned.

## \*JONES FELLOWSHIP.

Founded in 1890, by the bequest of the late T. E. Jones, Esq., of Manchester, of £5,000.

## REGULATIONS.

1. The Fellowship is of the annual value of one hundred and fifty pounds, and is tenable for two years.

2. Candidates must have been day students in the University for not less than three sessions, and must have obtained a degree in the History Honours School.

3. No student will be allowed to compete after the expiration of five years from the date of graduation.

4. The election will be made by the Senate on the nomination of the Standing Committee for the Award of Fellowships and Scholarships after recommendation from the Professors of History.

5. The Fellowship is not to be held as an undergraduate exhibition at any University in the United Kingdom, or with a Fellowship other than honorary at any other College or University. The Fellowship may, however, be held together with any office in the University of Manchester.

6. No fees will be charged in respect of the Fellowship, but the Fellow will be required to pay the fee of any course in the University attended by him.

7. Each candidate will be required to signify to the Council his readiness to offer himself for examination, and may, if he thinks fit, submit evidence of his ascertained proficiency in the subject of History.

8. The Examiners (Internal and External) shall be paid out of the funds of the endowment.

9. The next award will be made in 1935. Candidates are required to give notice to the Registrar of their intention to compete, on or before June 1st.

## FELLOWS.

1890 Alice M. Cooke, B.A.	1921 Dorothy M. Broome, M.A.
1893 W. E. Rhodes, B.A.	1923 Arthur Aspinall, B.A. (For one year)
1896 Mary Tout, B.A. (Honorary)	Moses Tyson, B.A. ( <i>Special Grant</i> )
1899 M. Margaret Newett, B.A.	J. A. Darbyshire, B.A. ( <i>Special Grant</i> )
1902 Elizabeth Speakman, B.A.	1924 Moses Tyson, M.A. (For one year)
1904 Hilda Johnstone, B.A. ) Fellowships	1926 Moses Tyson, M.A. (For one year)
W. T. Waugh, B.A. ) of £100 each	Sophia Weitzman, Ph.D.
1906 Arthur Jones, B.A.	Ellen Roberts, B.A. ( <i>Special Grant</i> )
1908 No award	Alys L. Gregory, M.A. ) Fellowships
Lila B. Dibben ( <i>Special award</i> )	Ellen Roberts, M.A. ) of £100 each
1909 No award	1927 Alys L. Gregory, M.A. (For one year)
1910 Lila B. Dibben, B.A.	Edna Bibby, M.A.
1912 A. E. Prince, M.A.	1928 Alys L. Gregory, M.A. (For one year)
1913 Lila B. Dibben, B.A. (For one year)	1929 F. D. Hodgkins, B.A.
1914-18 No award	1931 C. B. Elliott, B.A.
1919 Florence M. Grier Evans, M.A.	1933 Ina S. Russell, M.A. ( <i>Special Grant</i> )
Margaret Tout, M.A.	

\* See note on page 820.

| Resigned.

## WILLIAM FARRER RESEARCH FELLOWSHIP.

Instituted in 1928 for a period of three years by a group of subscribers for the encouragement of research in Local History.

## FELLOW.

1928 G. H. Tupling, M.A., Ph.D. (London)  
 1931 G. H. Tupling, M.A., Ph.D. (*Honorary*)  
 1932 G. H. Tupling, M.A., Ph.D. (*Honorary*)

## \*JOHN BRIGHT FELLOWSHIP.

This Fellowship for the encouragement of the study of English Literature is offered by the Subscribers to the Statue of the late John Bright, erected in Rochdale, 1891, from the surplus of the subscriptions to the Statue, amounting to a sum of £1,767. 4s. 10d. (to which has since been added the sum of £47. 9s. 5d., being the surplus of the Manchester Memorial Fund).

## REGULATIONS.

1. The Fellowship shall be offered annually, and shall consist of £125 and be payable in money to the successful candidate, who shall be at liberty to expend any portion of it, not exceeding £20, in books stamped with the arms of the University.

2. Candidates are expected to send in their names, in writing, on or before June 1st in the year when the Fellowship is to be awarded. They are invited to support their applications by submitting any evidence that they think fit for their capacity to do the work of the Fellowship. They shall also, if the Adjudicators so decide, offer themselves for a general examination in English Literature and English Essay-writing.

3. The Fellow immediately on his election shall engage in some piece of original study or research, directly connected with English Literature and approved by the Adjudicators. The results shall be embodied in a book or essay, which shall be submitted on its completion to the Adjudicators for the time being and which the University may publish if it thinks fit.

4. Should no award be made on any occasion the Fellowship shall be open to competition in the year following.

5. Any accumulations of the Fellowship fund shall, after the expenses of adjudication have been provided for, be devoted in the first instance to establishing a Prize for Essays on some subject directly connected with English Literature and secondly to the award of an additional fellowship.

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\* See note on page 820.



6. The candidates for the Fellowship shall be persons who shall have obtained the degree of Bachelor in the University and who shall not have completed more than five years from the date of the examination qualifying them for that degree.

7. The Adjudicators shall be the Standing Committee appointed for the award of University Fellowships and Scholarships.

8. No Fellow shall be permitted to hold the Fellowship in conjunction with any other Fellowship, Scholarship, or Exhibition, except by permission of the University.

9. No fee will be charged in respect of the Fellowship, but the Fellow will be required to pay the fee of any course in the University attended by him.

10. No Fellow shall be permitted to hold any paid appointment, or to undertake remunerated work, which in the opinion of the University is incompatible with the course of original study or research required for the Fellowship.

The next offer will be made in 1934.

Applications must be sent to the Registrar not later than June 1st in the year of award.

SCHOLARS.									
1895	Thomas Bateson, B.A.	} <i>ag</i>	...	...	...	...	...	...	<i>Owens.</i>
	G. H. Pickford, B.A.		...	...	...	...	...	...	
1897	Wilson Stuart, B.A.	...	...	...	...	...	...	...	<i>Yorks</i>
PRIZEMEN.									
1894	Herbert Gamble, B.A. (£15)	...	...	...	...	...	...	...	<i>Owens.</i>
1899	Harold Hartley, B.A. (£10)	...	...	...	...	...	...	...	<i>Yorks.</i>
FELLOWS.									
1901	Josephine Laidler, B.A.	...	...	...	...	...	...	...	<i>Owens.</i>
	Lilian Winstanley, B.A.	...	...	...	...	...	...	...	
1903	Margaret Dickin	...	...	...	...	...	...	...	<i>Univ.</i>
	Additional Fellowship of £50 to Elizabeth Parker	...	...	...	...	...	...	...	<i>Owens.</i>
	1906 Osborn Waterhouse, B.A.	...	...	...	...	...	...	...	
	1909 Mary H. Deakin, B.A.	...	...	...	...	...	...	...	
	Margaret A. Dobson, B.A.	...	...	...	...	...	...	...	
	1912 Laura A. Lomas, M.A.	...	...	...	...	...	...	...	
	1914 No award	...	...	...	...	...	...	...	
	1915 Marie Muncaster, M.A.	...	...	...	...	...	...	...	
	1917 Mabel Jones, M.A.	...	...	...	...	...	...	...	
	1919 Mary A. Robson, M.A.	...	...	...	...	...	...	...	
	1923 Geoffrey Bullough, B.A.	...	...	...	...	...	...	...	
	Lucie I. Street, B.A. (Additional Fellowship)	...	...	...	...	...	...	...	
	1924 No award	...	...	...	...	...	...	...	
	1925 Emil Glen, B.A.	...	...	...	...	...	...	...	
	1927 J. P. Oakden, B.A.	...	...	...	...	...	...	...	
	1929 Marjorie Fidler, M.A.	...	...	...	...	...	...	...	
	1930-32 No award.	...	...	...	...	...	...	...	
	1933 B. A. Renshaw, B.A.	...	...	...	...	...	...	...	

### CATHERINE I. DODD FELLOWSHIP IN PHILOSOPHY OR LITERATURE.

Established in 1931 under a gift from Miss Catherine I. Dodd, sometime Mistress of Method in the Training Department of the University, for the encouragement of original work in Philosophy or Modern Literature, including the Literature of countries other than England.

#### REGULATIONS.

1. The Fellowship which is of the value of £120 tenable for one year will be offered from time to time as the Council may direct.

2. The Fellowship will be awarded by the Senate on the recommendation of a Committee chosen from the Professors of Philosophy, English, and other Modern Literatures, with the Vice-Chancellor as Chairman.

3. The Fellowship is open for competition to men and women, who have studied in the University of Manchester, within 15 years of their first registration as students of the University.

4. The Fellow will be required to devote himself to an approved piece of investigation in Philosophy or Modern Literature, English or foreign, and will not be permitted to undertake any paid work without the sanction of the Senate.

5. Candidates must submit a scheme of work to be carried out during the period of tenure of the Fellowship, together with evidence of their ability to undertake it.

6. On the recommendation of the Committee, the Senate may appoint a Supervisor to whom the Fellow shall report from time to time on the progress of his work.

Due notice will be given of the first offer of the Fellowship.

#### VULCAN FELLOWSHIP.

Founded in 1905 by the Vulcan Boiler and General Insurance Company Limited.

The offer of this Fellowship is at present suspended.

#### FELLOWS.

1905 Frank Foster, B.Sc.  
1907 G. W. Worrall, M.Sc.  
1908 G. W. Worrall, M.Sc.  
1910 Gilbert Cook, M.Sc.  
1911\* Gilbert Cook, M.Sc.  
1913† Robert Cotton, M.Sc.  
1914 Andrew Robertson

1915 Andrew Robertson  
1920 F. D. Reynolds, M.Sc.  
1921 F. D. Reynolds, M.Sc.  
1922 Frank Heywood, B.Sc.  
1923 Frank Heywood, M.Sc.  
Reginald Higginson, B.Sc.  
1924 Reginald Higginson, B.Sc.  
1926\* Jack Allen, M.Sc.

#### OSBORNE REYNOLDS RESEARCH FELLOWSHIP.

Founded in 1919 by Albert Kingsbury, Esq., of Pittsburgh, U.S.A., for the encouragement of research in Engineering or in the sciences most directly related thereto.

#### REGULATIONS.

1. The Fellowship shall be of the value of £200. It shall be tenable for one year, but the Fellow shall be eligible for re-election.

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\* Resigned.

† Deceased.

2. The Fellowship shall be tenable in the Faculty of Science and shall have as its object the encouragement of research in Engineering or in the sciences most directly related thereto.

3. The Fellowship shall be open to graduates of the University of Manchester or of other Universities.

4. Every Fellow shall be required to devote the whole of the time during which he continues to hold the Fellowship to the pursuit, under the direction of the Beyer Professor of Engineering, of study or research in the University or some other place approved by him.

5. The Fellow may, with the approval of the Senate, give occasional courses of lectures or demonstrations, or assist occasionally in the teaching of the University, but may not hold any salaried office during his tenure of the Fellowship.

6. Before the final payment is made to the Fellow, he shall be required to present a satisfactory statement of the work he has carried out during his tenure of the Fellowship.

7. No award will be made in the absence of a suitable candidate, and any accumulations of the Fellowship Funds may, at the discretion of the Council, be applied to increasing the capital of the Fellowship, increasing the amount of any award, or to awarding an additional Fellowship in any year.

8. Candidates must apply for the Fellowship not later than May 1st in the year of the award, and must state in their application the subject of the research which they propose to undertake.

#### FELLOWS.

1932 F. D. Reynolds, M.Sc.  
1928 Frank Roberts, M.Sc.

1931 A. C. Hall, B.Sc.

#### \*JOHN HARLING FELLOWSHIP IN PHYSICS.

Founded in 1900 together with the John Harling Scholarship, by a donation of £5,000 from Mr. R. H. Gibson and Mr. R. P. Blakeley, in memory of the late Mr. John Harling.

#### REGULATIONS.

1. The Fellowship is of the annual value of £200, and will be awarded by the Senate. In special circumstances only, and when funds permit, an award of greater value may be made on the recommendation of the Professor of Physics and of the Senate.

\* See note on page 820.

2. The object of the Fellowship is the encouragement of study and research in Physical Science, and every Fellow shall be required to devote the whole of the time during which he continues to hold the Fellowship to the pursuit of such study or research in the Laboratories of the University under the direction of the Professor of Physics.

3. The Fellowship is open to all persons who can furnish satisfactory evidence of being able to pursue original research.

4. Election is, in the first instance, made for one year, but the Fellowship may be renewed for a second year if on the report of the Director of the Physical Laboratories its holder has made satisfactory progress with his research. The Fellowship may be further renewed for a period not exceeding one year.

5. Fellows are required at the end of their tenure to present a report of the work done by them, such report to be laid before the Senate and Council.

6. No award will be made in the absence of a suitable candidate.

7. It shall be in the power of the Senate to limit the subject in which the Fellowship is offered to any particular branch of Physics.

8. The Fellow may, with the approval of the Senate, give an occasional course of lectures or demonstrations, or assist occasionally in the teaching of the University, but he may not hold any salaried office there.

9. No fee will be charged in respect of the Fellowship.

Due notice will be given as to the date of next award.

#### FELLOWS.

1900 J. E. Petavel, M.Sc.	1913 E. N. da C. Andrade, B.Sc., Ph.D.
1904 Walter Makower, B.A., B.Sc.	1914-1922 No award
1906 Ulrich Behn, Ph.D.	1923 Gilbert Greenwood, M.Sc.
1907 J. N. Pring, M.Sc.	1925 Joseph West, B.Sc.
Hans Geiger, Ph.D.	1931 Walther Lochte-Holtgreven, Ph.D.
1909 B. B. Boltwood, Ph.D.	J. A. Darbyshire, M.Sc. ( <i>Special Grant</i> )
1910 A. F. Kovarik, Ph.D.	
1911 Ernest Marsden, M.Sc.	
1912 H. G. J. Moseley, B.A.	
T. S. Taylor, Ph.D.	

} *Divided  
between*

#### MORRISON WATSON FELLOWSHIP IN ANATOMY.

This Fellowship, for the encouragement of research in Practical and Descriptive Anatomy, was instituted in 1924 from a bequest of the late Mrs. Morrison Watson, in memory of her husband, Mr. Morrison Watson, M.D., F.R.S., Professor of Anatomy in the Owens College and in the Victoria University from 1874 to 1885.

**REGULATIONS.**

1. The Fellowship shall be offered from time to time as the Council may direct, and shall be of the normal annual value of £150, but in special circumstances an award of greater value may be made on the recommendation of the Professor of Anatomy and the Senate. The Fellowship shall be tenable for one year, but the Senate, on a report from the Professor of Anatomy that the holder has made satisfactory progress with his research, may recommend the Council to renew the Fellowship for a second year.

2. The Fellowship shall be open to competition by persons who have obtained a medical qualification registrable in the United Kingdom, or a degree of an approved University.

3. The object of the Fellowship shall be for the encouragement of the study and research in Practical and Descriptive Anatomy, and every Fellow shall be required to devote the whole of the time during which he holds the Fellowship to the pursuit of such study or research in the University under the direction of the Professor of Anatomy.

4. Elections to the Fellowship shall be made by the Senate on the recommendation of the Standing Committee on the award of Fellowships and Scholarships after report from the Sessional Committee on Grants in Aid of Medical Research.

5. By special permission of the Senate a Fellow may be allowed to conduct any portion of his research in another University or other Institution approved by the Senate for the purpose.

6. The Fellowship may not be held in conjunction with any other Fellowship, Scholarship, or Exhibition, except by permission of the Senate.

7. No Fellow shall be permitted to hold any paid appointment or to undertake remunerative work without previous permission of the Senate. In such cases the Senate may reduce the value of the Fellowship.

8. Accumulations resulting from non-award or from any other cause shall be added from time to time to the capital sum.

9. Applications must be sent to the Registrar not later than June 1st and must be accompanied by particulars of the subject of the research which the candidate proposes to undertake, and of his qualifications to do so. The subject must be approved by the Professor of Anatomy.

**PROFESSOR TOM JONES MEMORIAL SURGICAL FELLOWSHIP.**

Founded as a Graduate Scholarship in 1901, by Mrs. Jones, in memory of her husband, the late Professor Tom Jones, and altered by the Council to a Fellowship in 1924 by the addition of accumulations to the Fund.

## REGULATIONS.

1. The Fellowship is of the value of £105, and is tenable for one year, and will be offered annually.

2. Candidates must be graduates in Medicine and Surgery of the University of Manchester, or have passed the Final Conjoint Examination of the Royal College of Physicians and Surgeons of England, and must have spent at least three years of their course of Medical and Surgical study at the University of Manchester. No person will be allowed to compete in whose case more than four years shall have elapsed between the date of his obtaining his degree of M.B. or becoming qualified under the Conjoint Board and the date fixed for sending in the names of candidates.

3. The election to the Fellowship shall be made by the Senate, on the recommendation of the Standing Committee for the award of Fellowships and Scholarships, after report from the Sessional Committee on Grants in Aid of Medical Research.

4. The award will not be made unless a suitable candidate has presented himself.

5. The Fellow will be expected to produce during and at the end of his year of tenure satisfactory evidence of having been engaged in Surgical investigation, study, and work.

6. One-quarter of the Fellowship shall be paid at the end of three months from election, a second quarter after six months, and the remainder at the conclusion of the year; each payment to be conditional on satisfactory evidence that the Fellow has entered upon and pursued work under Regulation 4.

7. Applications, with evidence in support of the candidates' application, should be sent to the Registrar, the University, Manchester, on or before June 20th, in the year of competition. No special examination will be held for the Fellowship.

The Fellowship will be offered in 1934.

## SCHOLARS.

1901 Tom Walker, M.R.C.S.		1913 J. S. B. Stopford, M.B., Ch.B.
1904 A. E. Johnson, M.B., Ch.B.	} <i>Divided</i>	1921 A. H. Southam, M.B., M.Ch., F.R.C.S.
Philip Talbot, M.B., Ch.B.		1922 E. A. Linell, M.D.
1907 W. H. Hey, M.B., Ch.B.	} <i>Divided</i>	1923 R. C. Shawe, M.R.C.S., L.R.C.P.
S. R. Wilson, M.B., Ch.B.		1924 R. C. Shawe, M.R.C.S., L.R.C.P.
1910 John Morley, M.B., Ch.B.	} <i>Divided</i>	
T. W. Todd, M.B., Ch.B.		

## FELLOWS.

1925 Leslie Morris, M.B., Ch.B.	
1926 Leslie Morris, M.B., Ch.B., F.R.C.S.	
1927-30 No award	
1931 A. L. Kenyon, B.Sc., M.B., Ch.B.	
1932 No award	
1933 W. A. B. Nicholson, B.Sc., M.B., Ch.B.	} <i>Divided</i>
D. J. Williams, B.Sc., M.B., Ch.B.	

**JOHN HENRY AGNEW FELLOWSHIP IN DISEASES OF CHILDREN.**

Instituted in 1927 from accumulations in the John Henry Agnew Fund, which was founded in 1892 from a bequest of the late John Henry Agnew, Esq.

**REGULATIONS.**

1. The Fellowship shall be offered every third year and shall be of the value of £130.

2. The Fellowship shall not be offered in the same year as the Ashby Memorial Scholarship.

3. The object of the Fellowship shall be the encouragement of study and research which must relate to the diseases of Children, and every Fellow shall be required to devote the whole of the time during which he holds the Fellowship to the pursuit of such study and research, under conditions approved by the Senate.

4. The Fellowship shall be open to all persons who have graduated M.B., Ch.B., in the University.

5. Candidates for the Fellowship shall submit a statement as to the work they propose to carry out, and such evidence as they may think fit, of their qualifications for the work, including any thesis or original research.

6. The election to the Fellowship shall be made by the Senate on the recommendation of the Standing Committee for the award of Fellowships and Scholarships, after report from the Sessional Committee on Grants in Aid of Medical Research.

7. The successful candidate shall be required either to undertake a course of post-graduate study or engage in original research at some approved institution at home or abroad.

8. A Committee, consisting of two members of the teaching staff, elected by the Senate, shall be appointed to direct and supervise the work of the Fellow and to report thereon.

9. The Fellow shall not be permitted to hold the Research Fellowship in conjunction with any other Fellowship, Scholarship, or Exhibition, except by permission of the Senate.

10. No Fellow shall be permitted to hold any paid appointment or to undertake remunerative work without the previous permission of the Senate, which shall have power in such cases to reduce the value of the Fellowship.

11. No Fees will be charged in respect of the Fellowship.

12. Accumulations resulting from the non-award of the Fellowship, or from any other cause, shall be added from time to time to the capital sum.

The Fellowship will be offered in 1933.

Applications for the Fellowship must be sent, in writing, to the Registrar not later than October 1st in the year of award.

FELLOW.

1927 Marguerite F. Johnstone, M.B., Ch.B.

#### AMY HENRIETTA WORSWICK FELLOWSHIP.

The Fellowship was established for a period of two years under a bequest of £300 made by the late Mrs. Amy Henrietta Worswick for the investigation of the causes and treatment of Rheumatoid Arthritis.

FELLOW.

1931 C. G. Eastwood, B.Sc., M.B., Ch.B., M.R.C.S., L.R.C.P.

#### SHERIDAN DELÉPINE FELLOWSHIP IN PREVENTIVE MEDICINE.

This Fellowship, for the encouragement of research in Preventive Medicine, was instituted in 1922 in memory of the late Auguste Sheridan Delépine, M.B., C.M., M.Sc., Professor of Public Health and Bacteriology in the University of Manchester from 1891 to 1921, by the addition on the part of the University Council of the emoluments of the former Junior Research Fellowships in Public Health in the years when the Fellowship is awarded to the interest derived from an endowment of £1,000 made by Dr. Charles Slater, of Tunbridge Wells.

#### REGULATIONS.

1. The Fellowship shall be for the encouragement of research in Preventive Medicine and shall be called the Sheridan Delépine Research Fellowship in Preventive Medicine.

2. The Fellowship shall be of the value of £300 and shall be offered biennially.

3. The Fellowship shall be open to competition by candidates who are graduates in Medicine of this or any other approved University, or who hold an approved registrable medical qualification.

4. Applications should be received from candidates, together with a statement of their qualifications and the proposed subject of research, not later than June 1st in the year of award.



5. The Senate shall elect the Fellows on the recommendation of a Committee comprising the Director of the Public Health Laboratory, the Professor or Professors of Pathology, and the Dean of the Medical School.

6. The Committee shall consider the academic record of the candidates and their qualifications to undertake the research proposed by them, and shall have power to require the attendance of candidates at an interview, and, if it is thought desirable, to hold an examination.

7. The Fellows will be required to register as research students of the University, and to devote the whole of their time to research in the Public Health Laboratory.

8. The Fellowship will not be awarded in any year in which, in the opinion of the Committee, there is no candidate of sufficient merit.

9. The Committee shall have power to recommend for special reasons an additional Fellowship or Bursary or an increase in the emoluments to any holder of the Fellowship, or an extension of the tenure, when, owing to the non-award, or for other reasons, a sufficient sum has been accumulated from the income of the invested funds.

Notice will be given of the next offer.

Last date for application, June 1st.

#### JUNIOR RESEARCH FELLOWS.

(Under Old Regulations.)

1906 H. D. Haworth, M.B., Ch.B., D.P.H.	1911 Edith M. Marsden, M.B., Ch.B.
1907 E. H. T. Nash, M.R.C.S., L.R.C.P.	(Special Grant)
Harry Osborne, M.D.	1912 C. Y. Wong, M.B., Ch.B., D.P.H.
1909 Alexander Grant, M.B., C.M.	1914 G. D. Dawson, M.D.
H. G. Ward, M.B., Ch.B.	D. I. Dukeyne, M.B., Ch.B.,
Sheila M. Ross, M.D.	M.R.C.S., L.R.C.P.
(Additional Fellowship)	1919 E. N. Ramsbottom, B.A., M.B.,
1911 No award	B.S., D.P.H.
	1921 Win. Stott, M.B., B.S., D.P.H.

#### SHERIDAN DELÉPINE FELLOWS.

1924 L. P. Lockhart, M.B., Ch.B., M.R.C.S., L.R.C.P.
1926 M. A. Omar, M.R.C.S., L.R.C.P.
1929 Lois Stent, M.B., Ch.B., M.R.C.S., L.R.C.P.
1932 D. T. Robinson, M.R.C.S., L.R.C.P.

#### PILKINGTON FELLOWSHIP IN CANCER RESEARCH.

This Fellowship, for the encouragement of Cancer Research, was instituted in 1930, under a scheme approved by the Court of Chancery of the County Palatine of Lancaster. Under the scheme the Executors of the late Miss Alice Ann Pilkington transferred to the University the sum of £8,000 for the endowment of the above Fellowship.

REGULATIONS.

1. The Fellowship shall be for the encouragement of Cancer Research and shall be called the Pilkington Fellowship in Cancer Research.

2. The Fellowship shall be of the value of £300 and shall be offered annually.

3. The Fellowship shall be open to competition by candidates who are graduates in Medicine or Surgery of a University or Medical School approved by the Council, whether situate in England or elsewhere or to Members or Fellows of the Royal College of Surgeons of either England, Edinburgh, or Ireland, or to Licentiates, Members, or Fellows of the Royal College of Physicians of either London, Edinburgh, or Ireland.

4. The Fellowship shall be tenable for one year, but in special circumstances the Council may renew the tenure of the Fellowship for a second or subsequent year or years.

5. The Council shall elect the Fellow on the recommendation of the Senate.

6. The Fellow shall be required during his tenure of the Fellowship to devote his whole time and attention to the investigation of the causes, or advances in the treatment, of Cancer, and shall not, without the consent of the Council, hold any other Fellowship, Scholarship, or Exhibition, or hold any paid appointment or undertake any remunerative work.

7. Applications from candidates together with a full statement of their qualifications shall be sent to the Registrar not later than June 30th in the year of award.

8. All applications shall be considered by a Committee of the Senate, appointed for the purpose, which shall consider the academic record of the candidates and their qualifications to undertake research. The Committee shall have power to require the attendance of candidates at an interview, and, if it is thought desirable, to hold an examination.

9. The Fellow will be required to register as a research Fellow of the University, and to conduct his research under the supervision of such person or persons as may be appointed by the Senate.

10. The emoluments of the Fellowship will be paid in four quarterly instalments, the first, on registration as a Fellow, and the remainder at intervals of three months, subject to satisfactory reports of progress of work being received.

11. The Council shall have power to deprive a Fellow of his Fellowship at any time should the Fellow be guilty of serious misconduct or incapable of fulfilling the objects of the Fellowship.

12. The Fellowship will not be awarded in any year in which, in the opinion of the Council, there is no candidate of sufficient merit.

13. In the event of the income in any year exceeding the amount required for the Fellowship and the expenses included therewith, the balance may be used by the Council :

(a) To make grants to provide any special equipment or to meet other expenses necessary for the research.

(b) To make grants towards the expenses of travelling to and from England in the case of Fellows resident outside the British Isles.

14. Any accumulation of income whether as the result of non-award or any other cause may be used by the Council :

(a) To award an additional Fellowship or Scholarship either of the full amount or of a smaller amount.

(b) For any other purpose sanctioned in the approved scheme.

The Fellowship will be offered in 1934, and applications must be submitted not later than June 30th, 1934. The Fellow then elected will be required to enter upon tenure in October, 1934.

SPECIAL SCHOLAR  
1932 Joseph Vane, M.B., Ch.B.

#### KNIGHT FELLOWSHIP.

Re-constituted in 1931 from the Knight Prize presented in 1917 by Mr. E. A. Knight. The Fellowship is established for the encouragement of the study of the factors concerned in the development of the symptoms of mental disturbance.

#### REGULATIONS.

1. The Fellowship will be of the value of £150 and will be offered triennially.

2. The Fellowship shall be open to competition of graduates of this or any approved University.

3. Applications shall be received from candidates together with a statement of their qualifications and the proposed subject of research not later than June 1st in the year in which the Fellowship is offered.

4. The Senate shall elect the Fellow on the recommendation of the Medical Committee of the Senate.

5. The Fellow shall be required to devote the whole of his time to research in this University and on the conclusion of the tenure of the Fellowship to present a report on his work. With the permission of the Senate, a part of the time may be spent at some other approved Institution.

6. The Fellowship will not be awarded in any year in which, in the opinion of the Committee, there is no candidate of sufficient merit.

7. The Committee shall have power to recommend for special reasons an additional Fellowship or a Bursary or special grant, or an increase in the emoluments to any holder of the Fellowship, or an extension of the tenure, when, owing to the non-award, or for other reasons, a sufficient sum has been accumulated from the income of the invested funds.

The Fellowship will be offered for competition in 1935.

Last date for application, June 1st.

#### TRAVELLING RESEARCH FELLOWS.

1925 L. C. F. Chevens, M.R.C.S., L.R.C.P., D.P.M. (Manchester) (*Special*).  
1932 Madeline Kerr, M.A. (Manchester).

#### \*DRUMMOND-FRASER RESEARCH FELLOWSHIP.

Instituted in 1928 under a gift made to the University by the late Sir D. Drummond Fraser in memory of his wife and their sons.

#### REGULATIONS.

1. The Fellowship is of the value of £100 and is tenable for one year in the Departments of Economics and Commerce.

2. The object of the Fellowship is the encouragement of research, and every Fellow shall be required to devote the whole of the time during which he continues to hold the Fellowship to research.

3. The Fellowship shall be open for competition to graduates of this or of any other approved University who furnish satisfactory evidence of their qualifications to undertake research.

4. Candidates for the Fellowship shall submit a statement as to the research they propose to undertake, and evidence of their qualifications to conduct the proposed research.

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\* See note on page 820.

5. The election to the Fellowship shall be made by the Senate on the recommendation of the Standing Committee for the award of Fellowships and Scholarships.

6. The successful candidate will be required to register as a research student in the Department of Economics or of Commerce, but, with the approval of the Senate, may be permitted to spend a limited portion of the time during which he holds the Fellowship in some other approved institution.

7. The Fellowship may not be held in conjunction with any other Fellowship, Scholarship, or Exhibition, nor shall the Fellow be permitted to hold any paid appointment or to undertake remunerative work without previous permission of the Senate, which shall have power in such cases to reduce the value of the Fellowship.

Applications must be sent to the Registrar not later than June 1st.

#### FELLOWS.

1929 Jack Stafford, B.A.  
1930 Allan Winterbottom, LL.M.  
1931 Wilfred Prest, B.A. (Leeds)  
1932 E. M. Gray, B.Sc. Tech.  
1933 Philip Chandler, B.A.

#### \* FAULKNER, BEYER, LEECH, AND DARBISHIRE FELLOWSHIPS.

Formerly known under the old constitution of the University as University Fellowships. Their present designations are intended to commemorate George Faulkner, first Chairman of Trustees of the Owens College, Charles Frederick Beyer, a munificent donor to the College, and the late Daniel John Leech, Professor of Materia Medica and Therapeutics.

#### REGULATIONS.

(Revised 1910.)

##### i. FAULKNER, BEYER, AND DARBISHIRE FELLOWSHIPS.

1. Three Fellowships will be offered annually, each of the value of £100, for the term of one year.

2. The object of the Fellowships shall be the encouragement of study and research, and every Fellow shall be required to devote the whole of the time during which he continues to hold the Fellowship to the pursuit of such study or research, under conditions approved by the Senate.

In special cases an additional grant not exceeding £20 may be made to the Fellow by special vote of the Council, to assist him in carrying out his researches. [Applications for the grant must be made to the Registrar before October 15th in the year of election.]

3. Of the three Fellowships one shall be awarded in the Faculty of Arts or in the Faculty of Law ; another in the Faculty of Science ; and the third may be awarded in any of these three Faculties. [Should the third Fellowship be awarded in the Faculty of Science it shall be called the Robert Dukinfield Darbishire Fellowship.]

4. No Fellow shall be permitted to hold a Faulkner or Beyer Fellowship in conjunction with any other Fellowship, Scholarship, or Exhibition, except by permission of the Committee referred to in Clause 9.

5. No Fellow shall be permitted to hold any paid appointment, or to undertake remunerated work, without previous permission from the Committee, which shall have power in such cases to reduce the value of the Fellowship.

6. The Faulkner and Beyer Fellowships shall be open to all graduates who have proceeded to the B.A. or B.Sc. degree with Honours, or the LL.B. degree in the University, but such graduates shall be eligible only during the five years immediately succeeding their Final Examination in an Honours School or in the Faculty of Law.

(Graduates who have been members of the Elementary Training Department shall be eligible during six years from the date of their Final Examination as above.

7. Candidates for the Fellowships are invited to support their application by submitting any thesis or original research and by any other evidence of their qualifications.

8. Fellows are required to furnish a report of the work done by them during the tenure of their Fellowships, such report to be laid before the Senate.

9. The election to the Fellowships shall be made by a Standing Committee, appointed annually for the purpose by the Senate in the Michaelmas term. Written reports concerning all candidates shall be drawn up by the Examiners in the School in which such candidates shall have proceeded to a degree with Honours, or to the degree of LL.B. ; and the Committee shall have power to take into consideration such other evidence of qualifications as they may think fit.

10. The annual election of Fellows will normally be made about the end of June.

11. A Fellowship in Arts or Law shall be designated as a Faulkner Fellowship, a Fellowship in Science as a Beyer Fellowship.

No fees will be charged in respect of the Faulkner Fellowship, but the Fellow will be required to pay the fee of any course in the University attended by him.

Beyer Fellows will be required to pay the same fees as Research students in the same subject of study.

Applications must be sent to the Registrar not later than June 15th, 1934.

*For list of Fellows, see pages 839-840.*

## ii. LEECH FELLOWSHIP.

1. The Fellowship shall be offered annually and shall be of the value of £100.

2. The object of the Fellowship shall be the encouragement of study and research, and every Fellow shall be required to devote the whole of the time during which he holds the Fellowship to the pursuit of such study or research, under conditions approved by the Senate.

In special cases an additional grant not exceeding £20 may be made to the Fellow by the Council to assist him in carrying out his research.

[Applications for the grant must be made to the Registrar before October 15th in the year of election.]

3. The Fellowship shall be open to all persons who have graduated M.B., Ch.B., in the University, provided that not more than five years have elapsed since the date of such graduation.

4. Candidates for the Fellowship shall submit a statement as to the work they propose to carry out, and such evidence as they may think fit of their qualifications for the work, including any thesis or original research.

5. The election to the Fellowship shall be made by the Senate on the recommendation of the Standing Committee for the Award of Fellowships and Scholarships after report from the Sessional Committee on Grants in Aid of Medical Research.

6. The successful candidate shall be required either to undertake a course of post-graduate study or engage in original research at some approved institution at home or abroad.

7. A Committee, consisting of two members of the Medical Committee of the Senate, shall be appointed to direct and supervise the work of the Fellow and to report thereon.

8. The Fellow shall not be permitted to hold the Research Fellowship in conjunction with any other Fellowship, Scholarship, or Exhibition, except by permission of the Senate.

9. No Fellow shall be permitted to hold any paid appointment or to undertake remunerative work without previous permission of Senate, which shall have power in such cases to reduce the value of the Fellowship.

10. If no candidate suitable for Research shall apply, one or more scholarships of smaller amount for post-graduate study, in

the University or some other approved institution, may be awarded by the Senate on the recommendation of the Standing Committee for Fellowships and Scholarships after report from the Sessional Committee on Grants in Aid of Medical Research.

### 11. No fees will be charged in respect of the Fellowship.

Applications for the Fellowship shall be sent, in writing, to the Registrar not later than October 1st, 1934.

#### UNIVERSITY FELLOWS.

##### *Under Old Regulations.*

1892	W. E. Rhodes (Arts)	...	...	...	...	...	...	Owens.
	W. A. Bone (Science)	...	...	...	...	...	...	"
1893	W. A. Bone (Science)	...	...	...	...	...	...	"
1894	Edward Haworth (Science)	...	...	...	...	...	...	"
	W. H. Moorby (Science)	...	...	...	...	...	...	"
1895	W. H. Bentley (Science)	...	...	...	...	...	...	"
1896	J. H. Grindley (Science)	...	...	...	...	...	...	"
	D. S. Jerdan (Science)	...	...	...	...	...	...	"
1897	J. H. Smith	...	...	...	...	...	...	"
1898	Lucy W. Faraday (Arts)	...	...	...	...	...	...	"
	Lilian Winstanley (Arts)	...	...	...	...	...	...	"
	R. W. Collinson (Science)	...	...	...	...	...	...	"
1899	Wilson Stuart (Arts)	...	...	...	...	...	...	Yorks.
	Norman Smith (Science)	...	...	...	...	...	...	Owens.
1900	Wilson Stuart (Arts)	...	...	...	...	...	...	Yorks.
	F. W. Rixon (Science)	...	...	...	...	...	...	Owens.
1901	Elizabeth Speakman (Arts)	...	...	...	...	...	...	"
	G. C. Simpson (Science)	...	...	...	...	...	...	"
	C. H. Burgess (Science)	...	...	...	...	...	...	"
	C. E. Whiteley (Science)	...	...	...	...	...	...	Yorks.
	E. N. Cunliffe (Medicine)	...	...	...	...	...	...	Owens.
	G. W. Gelderd (Medicine)	...	...	...	...	...	...	Univ.
1902	P. H. Powell (Science)	...	...	...	...	...	...	"
	J. F. Spencer (Science)	...	...	...	...	...	...	Owens.
	E. C. Edgar (Science)	...	...	...	...	...	...	"
	A. W. Latham (Medicine)	...	...	...	...	...	...	Univ.
1903	Irene F. Williams (Arts)	...	...	...	...	...	(resigned)	Owens.
	Edwin Hopkinson (Science)	...	...	...	...	...	...	"
	E. C. Edgar (Science)	...	...	...	...	...	...	"
	G. W. A. Foster (Science)	...	...	...	...	...	...	"
1904	Hilda Johnstone, B.A. (Arts)	...	...	...	...	...	...	Manchester.
	W. T. Waugh, B.A. (Arts)	...	...	...	...	...	...	"
	H. F. Coward, B.Sc. (Science)	...	...	...	...	...	...	"
	R. V. Wheeler, B.Sc. (Science)	...	...	...	...	...	(resigned)	"
	R. E. Hughes (Medicine)	...	...	...	...	...	...	"

#### FAULKNER FELLOWS.

1905	A. R. Skemp, B.A.	1920*	S. J. Eker, B.A.
1906	No award		Joshua Whatnough, B.A.
1907	No award	1921	M. V. Gregory, B.A. } Divided
1908	Sarah B. Jackson, B.A.		Bertie Wilkinson, B.A. } between
1909	No award		S. J. Eker, B.A.
1910	No award	1922	Arthur Aspinall, B.A.
1911	Laurie A. Lomas, B.A.	1923	J. P. Dowden, B.A.
	A. E. Prince, B.A.		Marjorie M. Bowden, B.A.
1912	Hartley Bateson, B.A.	1924	Albert Hyslop, B.A.
1913	Agnes Strawson, M.A. } Divided	1925	It Y. Hedges, LL.B. } (Special Fellowship)
	Arthur Walsh, M.A. } between		
1914	Albert Bo-c, M.A.	1926	Harry Rothwell, B.A.
1915	Maurice Fairbridge, M.A.	1927	Helen M. Briggs, M.A.
	Special Additional Fellowship	1928	Thomas Walton, M.A.
	Florence Whitehead, M.A.	1929*	Norman Haycocks, B.A.
1916	Kathleen A. L. Lambley, M.A.	1930	Anstin Gill, B.A.
	Amy Woodward, B.A.	1931	Edith Ward, B.A.
1917	No award	1932	Sadie Speight, B.A.
	J. C. Clanton (Special Grant)		Ina S. Russell, B.A.
1918	Cecilia B. Macintosh, B.A.	1933	W. D. Elcock, B.A.
1919	Madeleine K. Lees, M.A.		Margaret R. Roberts, B.A. } Divided
	Sophia Weitzman, M.A.		
	A. J. Farmer, M.A.		

\* Resigned.



## BAYER FELLOWS.

1905 F. W. Kay, B.Sc.	1916 Fred Fairbrother, B.Sc.
G. W. Andrew, B.Sc.	1917 No award
1906 Robert Robinson, B.Sc.	1918 No award
Mary MacNicol, B.Sc.	1919 W. F. Smart, B.Sc.
1907 V. J. Harding, M.Sc.	1920 R. D. Haworth, B.Sc.
Thomas Royds, M.Sc.	1921 G. N. Burkhardt, B.Sc. } <i>Divided</i>
1908 D. M. S. Wigham, B.Sc.	Ernest Chapman, B.Sc. } <i>between</i>
<i>Divided between</i>	1922 Wilson Baker, B.Sc.
H. C. Greenwood, M.Sc.	1923 Harold Maum, M.Sc.
M. R. Turner, B.Sc.	1924 J. B. M. Herbert, B.Sc.
1909 W. A. Harwood, M.Sc.	H. A. Harrison, M.Sc.
Edward Hope, B.Sc.	1925 A. B. Oxford, B.Sc.
1910 Dan Tyrer, B.Sc.	1926 William Bradley, M.Sc.
J. R. Farrington, B.Sc. } <i>Divided</i>	1927 C. G. Sumner, M.Sc.
Margaret White, B.Sc. } <i>between</i>	1928 A. C. Bottomley, B.Sc.
1911 J. E. Myers, B.Sc.	1929 A. D. Ainley, B.Sc.
W. M. Roberts (Special Grant)	1930 Wesley Cocker, M.Sc. } <i>Divided</i>
James Chetwick, B.Sc.	W. B. Luttler, B.Sc. } <i>between</i>
Henry Stephen, B.Sc.	1931 W. S. M. Grieva, B.Sc. } <i>Divided</i>
1918 Albert Parker, B.Sc.	H. H. Paulson, B.Sc. } <i>between</i>
Harry Richardson, B.Sc.	1932 Geoffrey Ogden, B.Sc. } <i>Divided</i>
1914* Percy Chorley, M.Sc.	A. H. Jay, M.Sc. } <i>between</i>
W. A. Meir, M.Sc.	1933 W. A. Deer, B.Sc.
1915 W. F. Rawlinson, B.Sc.	
<i>Special Additional Fellowship</i>	
W. K. Sinter, B.Sc.	

## DARBYSHIRE FELLOWS.

1924 E. S. Heiges, M.Sc., Ph.D.	1929 G. W. Brindley, B.Sc.
1925 William Bradley, B.Sc.	1930 W. W. Jackson, M.Sc.
(Special Fellowship)	1933 E. R. B. Jackson, B.Sc. } <i>Divided</i>
1926 Tom Haap, M.Sc.	Thomas Vickerstaff, B.Sc. } <i>between</i>
(Special Fellowship)	
1927 R. C. Fawcett, M.Sc. } <i>Divided</i>	
A. T. Peters, M.Sc. } <i>between</i>	

## LEACH FELLOWS.

1905 Eric M. Wilkins, M.B., Ch.B.	1920 No award
1906 D. B. Core, M.B., Ch.B.	1921 F. H. Ferguson, M.B., Ch.B.
1907 No award	Eugenia R. A. Cooper, M.B., Ch.B.
1908 No award	1922 C. D. Hough, M.B., Ch.B.
1909 A. R. Woodall, M.B., Ch.B.	1923 Donald Ramago, M.B., Ch.B.
1910 No award	1924 Donald Ramago, M.B., Ch.B.
1911 A. H. Holmes, M.B., Ch.B.	1925 No award
1913 F. L. Newton, M.B., Ch.B.	1926 J. M. Yoffey, B.Sc., M.B., Ch.B.
1914 No award	1927 No award
1915 Clara A. Lomas, M.B., Ch.B.	1928 May Johnson, M.B., Ch.B.
1916 No award	1929-32 No award
1919 E. A. Linell, M.B., Ch.B.	
A. T. Gibb, M.B., Ch.B., B.Sc.	

## ZIMMERN TRAVELLING FELLOWSHIPS.

Fellowships for men and for women were founded in 1928 under the Will of Miss Frida Mary Zimmern, of Withington, Manchester, with a view to the fostering of international understanding and goodwill by enabling members of the University to travel or study abroad.

The offer of these Fellowships is discontinued. The Regulations under which the Fellowships were awarded will be found in the *Calendar*, for 1932-33, pages 822-824.

## FELLOWS.

Men.	Women.
1929 N. O. Barnes, B.A.	1929 Sadie Speight, B.A.
1932 W. D. Elcock, B.A.	1932 Isabel Munkley, B.A.

\* Resigned (before conclusion of tenure).

† Resigned.

## \* HONORARY RESEARCH FELLOWSHIPS.

The Council of the University are prepared to appoint to a limited number of Honorary Research Fellowships on the terms and conditions following :

## REGULATIONS.

1. The appointment will be made by the Council, after receiving a report from the Senate. The Faculty concerned will recommend to the Standing Committee for the Award of Fellowships and Scholarships for nomination to the Senate.

2. Applications by persons desiring to hold these Fellowships should be made, in writing, normally on or before October 31st in each year, but in special cases permission may be given for a later application.

3. In his application the candidate should give evidence satisfactory to the Faculty concerned that he is qualified to prosecute independently some special study or investigation.

4. The application will be laid before the Faculty concerned, who will report thereon to the Senate before the recommendation is passed on to the Council.

5. Every holder of a Fellowship will be expected to pursue research in a subject approved by the Faculty. He will work under the direction of the Professor in the subject in which he has been appointed, and a Fellow in any branch of Experimental Science will be allowed the use of such appliances in the laboratory as may be approved by the Professor concerned. He will be expected to provide himself with any special apparatus or material he may require.

6. The Senate, on the recommendation of the Faculty concerned, may suspend a Fellow or deprive him of his Fellowship, if it is considered that he is not making satisfactory progress, or for other sufficient reason.

7. At the close of the session the Professor concerned shall report to the Faculty on the work carried out by the Fellow, including any teaching or demonstrations he may have given under Regulation 9.

8. The Council reserve the right of re-printing, in such form as it thinks fit, the published results of the Fellow's researches.

9. The Fellow will be expected to devote his whole time to the prosecution of his researches, but may, with the approval of the Faculty concerned, give an occasional course of lectures or demonstrations, or assist occasionally in the teaching of the University, but he may not hold any salaried office therein.

\* See note on page 820.

10. No candidate who is pursuing a degree course in the University may hold an Honorary Research Fellowship.

11. The Fellow must pursue his research either in the University or at some other place approved by the Senate.

12. He may be re-appointed for a second, and on special recommendation, for a third year.

13. Past Research Fellows may, on the recommendation of the Director, be admitted by the Senate to do research work in any of the Laboratories on payment of such amount (if any) for expenses without further fee as may be determined by the Vice-Chancellor and the Director. Such admission shall be limited in the first instance to one year, but may be renewed.

#### RESEARCH FELLOWS.

- |      |  |      |  |
|------|--|------|--|
| 1889 | W. K. Ormandy, in Chemistry                          | 1904 | W. G. Duffield, B.A., in Physics                             |
| 1890 | E. J. Bles, B.Sc., in Zoology                        | 1905 | Lawrence Bradshaw, B.Sc., Ph.D., in Physics                  |
|      | Gibson Dyson, Ph.D., in Chemistry                    |      | Alfred Holt, B.A., in Chemistry                              |
|      | J. L. Hoskyns-Abraham, B.A., in Chemistry (deceased) |      | J. R. Petavel, M.Sc., in Physics                             |
|      | C. H. Lees, D.Sc., in Physics                        |      | Herbert Stansfield, B.Sc., in Physics                        |
| 1892 | C. R. Marshall, M.D., M.A., in Pharmacology          |      | Charles Weizmann, Ph.D., in Chemistry                        |
| 1893 | A. W. Crossley, D.Sc., in Chemistry                  | 1906 | J. R. Ashworth, D.Sc., in Physics                            |
|      | Gordon Sharp, M.D., in Pharmacology                  |      | Ulrich Behn, Ph.D., in Physics                               |
| 1894 | Wilnot Holt, jun., in Chemistry                      |      | Julien Drugman, Ph.D., in Chemistry                          |
| 1895 | Edward Haworth, D.Sc., in Chemistry                  |      | W. G. Duffield, B.A., B.Sc., in Physics                      |
|      | W. H. Moorby, M.Sc., in Engineering                  |      | H. Huxstock, M.Sc., in Chemistry                             |
|      | F. J. H. Coutts, M.D., in Pharmacology               |      | A. Holt, B.A., in Chemistry                                  |
|      | J. J. Sudborough, B.Sc., Ph.D., in Chemistry         |      | Charles Powell White, M.A., M.D., F.R.C.S., in Pathology     |
|      | J. A. Harker, D.Sc., in Physics                      | 1907 | L. Bruner, Ph.D., in Physics                                 |
| 1896 | J. F. Thorpe, Ph.D., in Chemistry                    |      | W. G. Duffield, B.A., M.Sc., in Physics                      |
|      | G. P. Varley, B.Sc., in Chemistry                    |      | Hans Geiger, Ph.D., in Physics                               |
|      | E. J. Sidebotham, M.A., M.B., in Pathology           |      | Alfred Holt, M.A., in Chemistry                              |
| 1897 | J. R. Ashworth, B.Sc., in Physics                    |      | H. W. Schmidt, Ph.D., in Physics                             |
|      | John Burke, B.A., in Physics                         |      | W. P. Selvaig, M.A., in English Language and Literature      |
|      | J. H. Grindley, M.Sc., in Engineering                | 1908 | H. Geiger, Ph.D., in Physics                                 |
| 1898 | A. W. Gilbody, M.Sc., Ph.D., in Chemistry            |      | W. A. Harwood, B.Sc., in Physics                             |
| 1899 | J. F. Bottomley, Ph.D., in Chemistry                 |      | A. Holt, M.A., D.Sc., in Chemistry                           |
|      | H. C. H. Carpenter, B.A., Ph.D., in Chemistry        |      | V. W. E. Kinan, Ph.D., in Mathematics                        |
|      | J. H. Smith, M.Sc., in Engineering                   |      | H. S. Leigh, in Zoology                                      |
|      | C. H. G. Sprankling, B.Sc., in Chemistry             |      | Joseph Mangau, M.A., in Zoology                              |
| 1900 | W. B. MacLean, in Engineering                        |      | A. N. Meldrum, D.Sc., in Chemistry                           |
|      | J. W. Mellor, B.Sc., in Chemistry                    |      | I. Roys, M.Sc., in Physics                                   |
|      | Edith M. Pratt, M.Sc., in Zoology                    |      | Professor H. F. Rugau, in Metallurgy                         |
|      | F. W. Rixon, B.Sc., in Chemistry                     | 1909 | D. M. S. Watson, B.Sc., in Zoology                           |
| 1901 | G. C. Simpson, B.Sc., in Physics                     |      | R. B. Boltwood, Ph.D., in Physics                            |
| 1903 | E. C. Edgar, B.Sc., in Chemistry                     |      | Hans Geiger, Ph.D., in Physics (Special Research Fellowship) |
|      | Helen M. England, B.Sc., in Zoology                  |      | Walter Gontermann, in Metallurgy                             |
|      | G. A. Hemsalech, D.Sc., in Physics                   |      | A. Holt, M.A., D.Sc., in Chemistry                           |
|      | Grace Wigglesworth, B.Sc., in Botany                 |      | H. S. Leigh, in Zoology                                      |
|      |  |      | A. N. Meldrum, D.Sc., in Chemistry                           |
|      |  |      | W. Wilson, M.Sc., in Physics                                 |

## RESEARCH FELLOWS—continued.

- 1910 J. H. Andrew, M.Sc., in Metallurgy  
L. H. Harrison, M.Sc., in Chemistry  
W. N. Haworth, M.Sc., Ph.D., in Chemistry  
A. F. Kovarik, Ph.D., in Physics  
J. E. Ramsbottom, M.Sc., Ph.D., in Chemistry  
Roberto Rossi, M.Sc., in Physics  
F. W. Whaley, M.Sc., in Physics
- 1911 Philippa C. Badaile, M.Sc., in Zoology  
J. A. Gray, B.Sc., in Physics  
A. Hopwood, M.Sc., in Chemistry  
E. Marsden, M.Sc., in Physics  
J. E. Ramsbottom, M.Sc., in Chemistry  
R. Rossi, M.Sc., in Physics  
F. W. Whaley, M.Sc., in Physics  
Mary G. Thoday, in Botany
- 1912 G. Asakawa, in Engineering  
A. E. Cameron, M.A., in Zoology  
J. M. Crofts, M.A., M.Sc., in Chemistry  
John Ferns, M.Sc., in Chemistry  
R. T. Hardman, M.Sc., in Chemistry  
G. von Hevesey, Ph.D., in Physics  
Arthur Hopwood, M.Sc., in Chemistry  
C. E. Lea, M.D., in Medicine  
H. G. J. Moseley, B.A., in Physics  
J. E. Ramsbottom, M.Sc., Ph.D., in Chemistry  
Gertrude M. Robinson, M.Sc., in Chemistry  
T. S. Taylor, Ph.D., in Physics  
Mary G. Thoday, in Botany  
F. W. Whaley, M.Sc., in Physics
- 1913 Hartley Bateson, B.A., in English  
P. J. Enk, Ph.D., in Latin  
N. W. Ingalls, M.D., in Anatomy
- 1914 Gompoti Asakawa, in Engineering  
A. E. Cameron, M.A., in Zoology  
J. M. Crofts, M.A., M.Sc., in Chemistry  
Stanislaw Kalandyk, in Physics  
C. E. Lea, M.D., Ch.B., in Medicine  
R. M. Marshall, M.D., in Anatomy  
H. G. J. Moseley, B.A., in Physics  
E. M. Mumford, M.Sc., in Chemistry  
Edgar Newbery, M.Sc., in Physics  
Shigemi Oba, in Physics  
P. B. Perkins, Ph.D., in Physics  
Mary G. Thoday, in Botany  
Fred Thomas, M.Sc., in Engineering  
H. P. Wahnsley, M.Sc., in Physics  
F. W. Whaley, M.Sc., in Physics
- 1915 James Barnes, Ph.D., in Physics  
Maurice Copisarow, M.Sc., in Chemistry  
G. A. Hemsalech, D.Sc., in Physics  
Mary G. Thoday, in Botany
- 1916 Maurice Copisarow, M.Sc., in Chemistry  
G. A. Hemsalech, D.Sc., in Physics  
F. A. Royle, M.Sc., in Chemistry
- 1917 Maurice Copisarow, M.Sc., in Chemistry  
G. A. Hemsalech, D.Sc., in Physics  
F. A. Royle, M.Sc., in Chemistry  
Andrew Robertson, D.Sc., in Engineering  
H. M. Morris, M.Sc., in Agricultural Entomology
- 1918 G. A. Hemsalech, D.Sc., in Physics
- 1919 G. A. Hemsalech, D.Sc., in Physics
- 1920 T. G. B. Osborn, D.Sc.
- 1921 H. S. Leigh, M.Sc.  
Leonore Pearson, M.Sc., in Chemistry
- 1922 Leonore Pearson, M.Sc., in Chemistry  
W. K. Slater, M.Sc., in Physiology  
E. D'A. McCrea, M.D., F.R.C.S.I., D.P.H., in Physiology
- 1923 E. D'A. McCrea, M.D., F.R.C.S.I., D.P.H., in Physiology  
Gertrude Robinson, M.Sc., in Chemistry  
W. K. Slater, M.Sc., in Physiology
- 1924 Lucy Wilson, B.A., Ph.D., in Physics  
Gertrude Robinson, M.Sc., in Chemistry  
Elizabeth S. Gatewood, Ph.D., in Chemistry  
Walter Gordon, Ph.D., in Physics
- 1925 Ann Bishop, M.Sc. in Zoology  
C. E. Brunton, M.A., M.D., B.Ch., in Cancer Research  
Anthony Claassen, Ph.D., in Physics  
H. Raymond Ing, M.A., D.Phil., in Chemistry  
J. N. Ray, B.Sc., in Chemistry  
J. C. Smith, Ph.D., in Chemistry
- 1926 Ivar Waller, Ph.D., in Physics
- 1927 A. J. Bradley, M.Sc., Ph.D., in Physics
- 1928 A. J. Bradley, M.Sc., Ph.D., in Physics  
Felix Machatschki, Dr. Phil., in Physics  
Stephen Náray-Szabó, Dr. Tech. Sc., in Physics  
Joseph West, B.Sc., in Physics  
F. W. H. Zachariasen, Dr. Phil., in Physics
- 1929 Kathleen Wright Baker, M.Sc., in Botany  
Isabel Cookson, B.Sc., in Botany  
W. L. Duliéro, M.D., in Physiology  
Stephen Náray-Szabó, Dr. Tech. Sc., in Physics  
Linus Pauling, Ph.D., in Physics  
Joseph West, B.Sc., in Physics
- 1930 Kathleen Wright Baker, M.Sc. in Botany  
Joseph West, B.Sc. in Physics

**List of Fellowships, Scholarships, Exhibitions, and  
Prizes, recently discontinued.**

The offer of the following Fellowships, Scholarships, Exhibitions, and Prizes has been discontinued during the last few years. For lists of holders, see the *Calendar* for 1929-30, pages 642-786.

SCHUNCK RESEARCH FELLOWSHIP IN CHEMISTRY.

RESEARCH FELLOWSHIPS IN ARTS.

GILCHRIST MODERN LANGUAGE STUDENTSHIP.

JARVIS TRAVELLING SCHOLARSHIP IN ARCHITECTURE.

TRAVELLING SCHOLARSHIPS IN ARCHITECTURE.

1851 EXHIBITION SCHOLARSHIP.

GARTSIDE SCHOLARSHIP OF COMMERCE AND INDUSTRIES.

LEWIS'S SCHOLARSHIPS IN COMMERCE.

ROBERT PLATT ZOOLOGICAL AND BOTANICAL SCHOLARSHIP.

SERENA SCHOLARSHIP IN ITALIAN.

ENTRANCE SCHOLARSHIP IN RUSSIAN.

ENTRANCE SCHOLARSHIP IN ITALIAN.

ROBERT PLATT BIOLOGICAL EXHIBITION.

ROBERT PLATT PHYSIOLOGICAL EXHIBITION.

LEO GRINDON PRIZE IN BOTANY.

UNIVERSITY PRIZE IN MEDICINE.

WARBURTON ESSAY PRIZE IN LOCAL GOVERNMENT.

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For list of other Discontinued Fellowships, Scholarships, Exhibitions, and Prizes not shown above, see *Calendar* 1914-15, pages 844-851, and for the Schuster Research Scholarship, now also discontinued, page 776.

**Examinations in Arts, Science, Law, Medicine, Music,  
Commerce and Administration, Theology, Technology,  
Education, etc.**

1932—1933

*(The names are in alphabetical order throughout.)*

I.--1932.

**Faculty of Arts.**

**Degree of M.A.**

Rothergill, R. A.  
Harding, W. E.  
Howard, Ieuan

Ralph, J. A. A.  
Sutton, J. H.

Ward, Edith  
Wrigley, E. E.

**Ordinary Degree of B.A.**

The following have completed all courses for the Ordinary Degree of B.A. :

Bedford, F. J.

Wall, C. F. L.



## INTERMEDIATE EXAMINATION—continued.

	Pure Maths.	Logic.	Ancient History.	Mod. History.	Greek.	Latin.	French.	German D.	English.	Political Econ.	Medieval History.	Spanish.	Geography.
Saunders, H. R. ...	...	...	...	...	...	...	II	...	...	II	...	...	...
Shaw, C. E. ...	...	...	...	...	...	II	...	...	...	...	...	...	...
Simpson, Joan E. ...	...	...	...	...	...	I	...	...	...	...	...	...	...
Smithies, Dorothy E. ...	...	...	...	...	...	...	II	...	...	...	...	...	...
Smyth, Cathleen P. ...	...	...	...	...	...	...	II	...	...	...	...	...	...
Spedding, Ethel N. ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stott, R. C. ...	...	...	...	...	...	...	...	...	...	II	...	...	...
Stubbs, Kathleen F. ...	...	...	...	...	...	...	...	...	...	...	II	...	...
Sykes, Constance ...	...	...	II	...	...	...	...	...	...	...	II	...	...
Taylor, Vera M. ...	...	...	...	...	...	II	...	...	...	...	...	...	...
Thomas, Muriel ...	...	...	...	...	II	...	...	...	...	...	...	...	...
Thornber, Helen ...	...	...	...	II	...	...	II	...	II	...	...	...	...
Turner, Dorothy H. ...	...	...	II	...	...	...	II	...	...	...	II	...	...
Walker, Hazel ...	...	...	...	...	...	II	...	...	...	...	...	...	...
Walker, Kathleen D. ...	...	...	...	II	...	...	...	...	...	...	...	...	...
Wall, C. F. L. ...	...	...	...	...	...	...	...	...	II	...	...	...	...
Walsley, Dorothy ...	...	...	...	...	...	...	II	...	...	...	...	...	...
Weinberg, Sylvia A. ...	...	...	...	II	...	...	...	...	...	...	...	...	...
Wheeldon, Arthur ...	...	...	...	II	...	...	...	...	...	...	...	...	...
Whitton, A. R. ...	...	II	...	...	...	...	...	...	...	...	...	...	...
Williams, J. I. ...	...	...	...	...	...	...	I	...	...	...	...	...	...
Wood, Arthur ...	...	...	...	...	...	...	I	...	...	...	...	...	...

## Faculty of Science.

## Degree of Ph.D.

Brittain, John  
Littler, W. B.

Mawson, C. A.

Stubbs, A. E.

## Degree of M.Sc.

Barter, Alan  
Clarke, Winifrid S.  
Cope, F. W.  
Curnick, H. R.  
Davis, Edwin  
Eastwood, Eric  
Gee, GeoffreyHey, Donald  
Ingman, A. L.  
Ray, W. W.  
Kenneford, A. S.  
McGaughey, C. A.  
Marsden, R. J. B.  
Meek, C. A.Morgan, A. S. L.  
Ogden, Geoffrey  
Shaffer, Gershon  
Sheehan, H. L.  
Whitehouse, W. J.  
Whittenbury, G. V.  
Yeadon, Robert

## Ordinary Degree of B.Sc.

## INTERMEDIATE EXAMINATION.

Akred, Phyllis  
Allison, Muriel  
Ashe, T. S.  
Ashton, C. C.  
Ashworth, Wilfred  
Burt, Marjorie P.  
Burton, F. S.  
Clark, Cuthbert  
Cunnington, H. T.  
Dawson, K. D.Duxbury, Winifred M.  
Ellison, Clare  
Fitton, L. R.  
Gregory, A. C.  
Halsall, Kathleen M.  
Holmes-Smith, Franklin  
Hoy, Finn  
McKnight, W. C.  
Mercer, BeatriceMilnes, A. H.  
Murray, Jean M.  
Rhodes, Minnie  
Schotfield, Jim  
Seager, G. C.  
Smith, W. B.  
Stevens, Louisa E.  
Tann, Milton  
Warburton, Elsie J.



The following have satisfied the Examiners in the subjects named :

*Pure Mathematics.*

Coomer, Frieda M.  
Holt, Leslie  
Lord, G. A.

*Applied Mathematics.*

Coomer, Frieda M.  
Holt, Leslie  
Lord, G. A.  
Makin, W. W.  
Seddon, J. W.  
Traill, A. P.

*Physics.*

Makin, W. W.  
Seddon, J. W.  
Traill, A. P.

*Chemistry and Botany.*

Brotherton, Helen M. W.

**Degrees of M.B. and Ch.B.****FIRST EXAMINATION, PARTS I. AND II.A.****PART I.—CHEMISTRY AND PHYSICS.**

Ball, R. E.  
Ballon, Leslie  
Beenstock, David  
Bennett, Muriel L.

Berry, George  
Ferguson, I. H.  
Hollos, R. B.

Locke, G. B.  
Pearson, A. F.  
Whitehead, T. B.

**PART II.A.—BOTANY.**

Babbage, J. C.  
Ball, I. W.  
Ball, R. E.  
Barlow, T. E.  
Beckett, R. S. A.  
Benham, G. H. H.  
Bennett, J. M.  
Bennett, Muriel L.  
Blank, M. J.  
Brittain, Thomas  
Brundret, J. C.  
Burbridge, H. C.  
Carpenter, C. W.  
Coe, C. D.  
David, A. E.  
Dawson, D. B. H.  
Dick, T. B. S.  
Dickinson, R. G.  
Dinsdale, Tom

Donnelly, Brian  
Ferguson, J. H.  
Fleury, Mary  
France, J. H.  
Greenhalgh, Edith A.  
Hawkins, R. S.  
Hibbert, F. G.  
Holden, W. S.  
Hollos, R. B.  
Holme, Thomas  
Ingman, William  
Jackson, Roger  
Jams, Oscar  
Job, Monica  
Lawrence, H. L. H.  
Lawton, T. H.  
Leon, Hector  
Liebert, Katherine

Livshin, David  
Locke, G. B.  
Osborne, H. N.  
Panton, Nydia E.  
Pearson, A. F.  
Robson, W. A.  
Rogerson, Mary A.  
Rowson, J. K.  
Simmons, Florence M.  
Stansfield, R. N.  
Stewart, T. S.  
Stratton, Fred  
Taylor, Nathan  
Webb, J. M.  
Whalley, Norman  
White, A. B.  
Whitehead, T. B.  
Wilding, J. H.

**Diploma in Dentistry.****SECOND EXAMINATION.***Botany.*

Atkinson, H. F.  
Burgess, J. B.  
Carter, H. A.  
Conroy, Teresa E.  
Copestake, Edgar  
Derbyshire, Kenneth  
Graham, F. B.

Ham, Stanley  
Howard, N. H.  
Hawley, J. P.  
Holt, J. K.  
Holt, T. S.  
Pigott, P. J.  
Redman, J. H. K.

Rothwell, J. C.  
Salem, Jack  
Shenton, F. C.  
Stewart, A. S.  
Taylor, F. S.  
Wignall, Bessie

**FIRST EXAMINATION.**

Auerbach, Sidney  
Blackburn, J. E.  
Booth, James  
Brierley, R. F. B.  
Cookson, J. E.

Daker, Derek  
Hallsworth, F. P.  
Jackson, Kenneth  
Lorimer, K. L.

O'Brien, J. P.  
Patterson, C. K. M.  
Pym, L. A.  
Trenbath, H. V. O.

The following have satisfied the Examiners in Chemistry :

Astle, R. D.  
Carlisle, Mary M.  
Davies, Michael

Frankenburg, E. E.  
O'Brien, Eileen M.  
Pendlebury, Phyllis E.

Pool, C. G.  
Pullin, Douglas

## Faculty of Law.

### Degree of LL.B.

#### INTERMEDIATE EXAMINATION.

Lloyd, R. J. (*Political Economy approved Arts subject for Inter. LL.B.*)

## Faculty of Medicine.

### Degrees of M.B. and Ch.B.

#### FINAL EXAMINATION.

Beer, A. S.  
Cohen, M. M.  
Craig, Patience  
Gattie, C. H.

Hall, William  
Lendrum, J. D.  
Perry, Marion W.  
Shreehan, Brendan

Starkie, Colin  
Strange, Muriel N.  
Sutton, Simon

#### PART I.

The following have satisfied the Examiners in the subjects named :

#### *Forensic Medicine and Hygiene and Preventive Medicine.*

Cohen, S. A.  
Fleming, Harry

Moore, G. H.  
Nightingale, Roland

Schofield, John  
Williams, J. L. D.

#### THIRD EXAMINATION.

The following have satisfied the Examiners in the subjects named :

#### *Pathology and Bacteriology.*

Baker, Harry  
Bullough, A. S.  
Cargill, W. P.  
Copeland, Neville  
Cran, J. D. H.  
Curry, John  
Dawson, Annie M.  
Dryburgh, E. G.  
Flack, F. H.  
Goldstone, Norman  
Hancock, Charles

Harris, Arthur  
Harris, Harry  
Hempling, Henry  
Hill, B. F.  
Hobson, J. A.  
Hughes, Eileen M.  
Janus, Fred  
Jobson, R. H.  
Jones, S. H. O.  
Kirkman, N. F.  
Mackay, D. H.

Martin, A. E.  
Mather, Amy B. de V  
Patterson, E. L.  
Porter, Winifred  
Spencer, Ralph  
Spencer, W. K.  
Swain, Marjorie  
Tetlow, Clifford  
Tomlinson, A. McN.  
Woodhead, J. A. A. L.

#### *Pharmacology.*

Charnley, John  
Clarke, Eleanor B.  
Cowell, Mary A. C.  
Crossley, A. J. F.  
Davey, T. F.  
Fielding, William  
Firth, F. I.  
Greenhaigh, Eric  
Hargreaves, Alan  
Heipern, E. H.  
Higson, K. H.  
Hoffman, A. D.

Husdan, L. L.  
Jamieson, J. I. A.  
Jureidini, G. R.  
Koretz, H. A.  
Mackay, A. F.  
Mallinson, Ralph  
Meynell, John  
Moorhouse, Geoffrey  
Morgan, J. L.  
Nelstrop, Annie  
Parish, R. L.  
Parker, C. S.

Parker, J. N.  
Ross, Leslie Margaret  
Royle, Cyril  
Settle, H. L.  
Shepherd, J. N.  
Shute, Dennis  
Thornley, Bernard  
Thornley, Roland  
Wade, H. J.  
Ward, G. W.  
Wardley, J. R.  
Williams, Margaret I.

#### *Awarded Distinction in Pathology and Bacteriology :*

Mackay, D. H.  
Patterson, E. L.

#### *Awarded Distinction in Pharmacology :*

Charnley, John  
Wade, H. J.  
Williams, Margaret I.

**Degree of B.D.S.**

## FINAL EXAMINATION.

## FIRST CLASS HONOURS.

Mellodew, I. L.

## SECOND CLASS HONOURS.

Torkington, H. H.

**Diploma in Dentistry.**

## FINAL EXAMINATION.

Dickson, D. R.

Gibbons, J. M.

Paterson, Agnes M.

Dykes, T. P.

Morris, A. H.

Theakston, J. A.

The following have satisfied the Examiners in the subjects named :

*Dental Surgery, Dental Prosthetics, Operative Dentistry and Orthodontics.*

Collens, R. F.

Parry, A. L.

## THIRD EXAMINATION.

Allsup, Roland

Podesta, G. R.

Thornton, Eric

Ellis, G. J.

Sherwen, J. H.

The following have satisfied the Examiners in the subjects named :

*Physiology and Anatomy.*

Roberts, R. C.

*Dental Anatomy and Histology.*

Skidmore, D. E.

Wilson, Frances I.

## SECOND EXAMINATION.

*Dental Mechanics.*

Byrom, James

Nicholls, Patricia H.

Smith, A. S.

Cocker, Geoffrey

Pnyton, D. V.

Taylor, R. S.

Davison, P. H.

Peel, John

Wallwork, Frank

Fenton, James

Potts, Philip

Williams, I. N.

Ferguson, G. R.

Shensby, H. W. S.

Wilson, Helen A. F.

Hodgkins, Irene M.

**Diploma in Public Health.**

## PART I.

Kitson, J. H.

## PART II.

Forsyth, Charlotte E.

Newton, V. A.

## Faculty of Commerce and Administration.

### Degree of M.A. (Com.).

Shabtay, Abraham

### Diploma in Social Study.

Fielder, A. E. H.

Grist, Valerie S.

## Faculty of Technology.

### Degree of M.Sc.Tech.

Bor, Joseph  
Isherwood, Cyril  
Kanga, D. P.

Milburn, D. P.  
Montgomery, F. H.  
Neville, T. S.

Platt, G. H.  
Robinson, H. G. B.

### Degree of B.Sc.Tech.

#### INTERMEDIATE EXAMINATION.

Allen, Jack  
Brierley, Alan  
Byrom, William  
Dann, Jack  
El Shafei, I. F.  
Gokson, Allen

Grosman, S. L.  
Hill, Sydney  
Kwok, L. P.  
Lloyd, A. B.  
Mamooji, A. S.  
Nevrekar, M. L.

Parviainen, N. E. O.  
Robinson, T. H.  
Swabey, P. S. W.  
Terleski, J. T.  
Walker, B. A.  
Warrington, J. D.

The following have satisfied the Examiners in the subjects named :

#### *Mathematics.*

Gradon, J. H. F.

Kuvanonda, Prabaddha

#### *Physics.*

Gradon, J. H. F.  
Hanaway, James

Hardcastle, F. K.  
Kuvanonda, Prabaddha

Ogden, P. H.  
Simon, Jamil

#### *Chemistry.*

Hanaway, James  
Hardcastle, F. K.

Ogden, P. H.

Simon, Jamil

## Entrance Examination for Certificate Candidates.

(JULY.)

Kwok, T. C.

(OCTOBER.)

Booth, H. A.

\*Coppie, Cecil

Rayworth, Richard

\* Subject to passing in a language.

## II.—1933.

## Faculty of Arts.

## Degree of Ph.D.

Friedlander, Moses

Hodge, Caroline E.

## Degree of M.A.

Brady, R. P.  
Elcock, W. D.  
Fisch, Solomon  
Halliwell, Annie  
Hollas, Henry

Job, Ethel H.  
Mallison, J. C.  
Roberts, Margaret R.  
Speight, Kathleen  
Speight, Sadie

Thomas, Anne L.  
Travis, J. E.  
Wilde, R. W.  
Willis, Dora M.  
Wrigley, Margaret J.

The following candidate has satisfied the Examiners in the examination portion for the degree of M.A. but has still to present a thesis:

Ryder, J. P.

## Degree of B.A.—Honours Schools.

## GREEK.

*First Class.*  
Gibson, Sylvia J.

## LATIN.

*First Class.*  
None.

*Second Class.*  
(*Division I.*)  
Dennis, L. H.  
Lace, May V. B.  
Ruff, Lorna A.

*Third Class.*  
Berry, Bilitis  
Hall, Mary L.  
Higson, Nora C.

(*Division II.*)  
Ballance, Edna  
Cottrell, Nora  
Devons, Nina  
Kenworthy, Josephine B.  
Rogers, H. C.  
Smith, Gertrude M.  
Tinn, Lillian  
Wood, Dorothy J.

## CLASSICS.

*First Class.*  
Collingwood, Beryl M.

*Second Class.*  
(*Division I.*)  
McAleavy, Henry  
(*Division II.*)  
Barry, W. P.  
Rigby, T. A.

## HISTORY.

*First Class.*  
Owen, C. M.  
Roskell, J. S.  
Williamson, Fred

*Second Class.*  
(*Division I.*)  
Braunfit, E. P.  
Diamond, Catharine M.  
Elliott, Roy  
Hirst, Doreen R.  
Hopwood, Harold  
Lofthouse, Hilda  
Ward, Margaret E.

*Third Class.*  
Keeley, K. M.  
Lawton, Hilda

(*Division II.*)  
Barlow, Mildred E.  
Clegg, Helen G.  
Coogan, Mary F.  
Haggas, Annie  
Holden, Winifred M.  
Rigby, Richard

## ENGLISH LANGUAGE AND LITERATURE.

*First Class.*  
Davis, Winifred J.  
Farrington, Geoffrey  
Whitehouse, Kathleen M.

*Second Class.*  
(*Division I.*)  
Barnes, Margaret S.  
Hodgson, J. D.  
Johnson, Dorothy  
Kendrick, Myra  
Kenyon, Alicia  
Kirkman, Alice  
Pennington, Olive M. S.  
Purcell, Jean  
Quinn, A. R.  
Stimpson, Beryl H.  
Wilcox, Margaret T.  
Williams, Mary M.  
(*Division II.*)  
Appleby, Isobel G.  
Appleton, Edith L.  
Butterworth, Stanley  
Cutcliffe, Mary  
Evans, G. J.  
Hagan, Rose D.  
Heap, Kathleen M. M.  
Higson, Thomas  
Johnston, Annie W.  
Jones-Williams, Gwen E.  
Laycock, Annie  
Lee, Leonora E.  
Newton, Joan H.  
Snape, Percy  
Tiffany, Margaret  
Wilkinson, Margaret E.

*Third Class.*  
Bedwell, W. T.  
Seal, Gladys W.  
Shaw, Dorothy A.

## FRENCH STUDIES.

*First Class.*  
Baker, Marcus  
Metcalfe, Olive

*Second Class.*  
(*Division I.*)  
Durrant, F. A. W.  
Easton, Hilda  
Hoyle, S. H. S.  
Riley, Mary K.  
Wareham, Elsie M.  
(*Division II.*)  
Albinson, Kathleen M.  
Byrom, Margaret E.  
Fletcher, Dorothy E.  
Higgins, Edith  
Neal, A. D.  
Nield, G. K.  
Rawlings, Lilian  
Scott, Sheila M.  
Smithies, Dorothy E.  
Titterington, Muriel S.  
Waite, George  
Wilkinson, Margaret

*Third Class.*  
Davies, L. M.  
Haworth, Eunice  
Piper, T. W.  
Rooks, G. F.

## GERMAN LANGUAGE AND LITERATURE.

*First Class.*  
Finch, C. D.

*Second Class.*  
(*Division I.*)  
Alison, D. F.  
Goddard, W. H.

*Third Class.*  
Whitworth, Mabel

(*Division II.*)  
Englesberg, Bernard

## ECONOMICS AND POLITICAL SCIENCE.

*First Class.*

Chantler, Philip

*Second Class.*(Division I.)  
Beving, C. A. D.  
Smith, Dorothy E.(Division II.)  
Fräncke, Bernard  
Rhodes, F. C.*Third Class.*

Burley, Barbara F.

## GEOGRAPHY.

*First Class.*Sheild, Mary W.  
Shorter, A. H.*Second Class.*(Division I.)  
Cliff, Margaret E.  
Lighton, George  
Poppitt, R. D.(Division II.)  
Gregory, Lucy  
Lowe, Edith M.  
Moseley, Elizabeth J.

## ARCHITECTURE.

*First Class.*

Powicke, Anna E.

*Second Class.*

McGowan, Winifred M.

## Preliminary and Part I.

## LATIN.

Ashton, Alice C.  
Burton, Phyllis M.  
Dodd, Katherine A.Gunner, Winifred M.  
McWilliam, Jean  
Pickering, MargaretRolls, Lucy  
Smith, Mary F.  
Thomas, Helen

## CLASSICS.

Ball, Leslie  
Bell, J. G.Cooke, H. P.  
Gaskell, ChristopherKing, E. J.  
Spurgin, Edith M.

## HISTORY (PART I.).

Bott, D. E. M.  
Cartland, G. B.  
Duckworth, Arthur  
Graham, Veronica  
Heaton, Rosemary  
Hill, Winifred  
Inch, Herbert  
Jackson, D. B.James, D. W.  
Jucker, Ninetta  
Lenton, Jessie M.  
Lever, Norah  
McNulty, Maureen J.  
Mills, Constance M.  
Morwood, VioletMyers, A. R.  
Oddy, Harold  
Pollock, E. L.  
Ruane, Thomas  
Stubbs, Kathleen F.  
Taylor, Vera M.  
Whiteside, Mabel T.

## ENGLISH LANGUAGE AND LITERATURE (PART I.).

Amery, H. J. H.  
Barnes, Elizabeth M.  
Bayley, E. H.  
Benjamin, Vera D.  
Boltiansky, Sheila R.  
Brindle, Ellen J.  
Burnett, Irene I.  
Butler, Eileen D.  
Cross, W. A.Davenport, C. B.  
Dean, Margaret E.  
Eastwood, Wilfred  
Frankish, Albert  
Heap, Marjorie  
Hitchen, Margaret A.  
Lamb, C. W.  
Moore, KathleenPugh, Beryl C.  
Simpson, Joan C.  
Stuart, Mary  
Taylor, A. R.  
Walmsley, Dorothy  
Wheelodon, Arthur  
Wilde, Annie  
Wilkinson, Nora

## FRENCH STUDIES.

Bailey, Mary H.  
Baker, C. W.  
Ball, Mona  
Borders, A. R.  
Chapman, Kenneth  
Dickon, Russell  
Duxbury, Muriel  
Goodwin, D. R. T.

Gough, Kathleen G.  
Graves, K. C.  
Hedges, Elsa M.  
Keyes, Margaret M.  
Lloyd, E. R.  
Roberts, Beatrice J. R.  
Robson, D. W.

Sewell, Gwendoline M.  
Shoosmith, Emily M.  
Smith, Elizabeth M.  
Thomas, Muriel  
Wilcox, Margaret H.  
Williamson, Mary E. L.  
Winstanley, Frances E.

## GERMAN LANGUAGE AND LITERATURE.

Bloch, C. M.  
Coulthard, Doris I. H.

Jackson, W. G.  
Leon, Emanuel

Neshitt, Lynda M.  
Taylor, Arthur

## ECONOMICS, POLITICS, AND MODERN HISTORY (PART I.).

Devons, Ely

Magraw, W. L.

Price, Beryl M.

## GEOGRAPHY (PART I.).

Dobson, Margaret E.  
Gorton, Robert  
Green, A. E.

Illingworth, Grace A.  
Mander, Mary

Richards, Mary  
Savory, H. J.

## ARCHITECTURE (PART I.A.).

Baron, D. K.  
Briggs, Hilda

Hargreaves, Thomas  
Little, M. E.

Riley, C. F.  
Taylor, B. T.

## ARCHITECTURE (PART I.B.).

Whitton, A. R.

## ECONOMICS, POLITICS, AND MODERN HISTORY.

The following candidates have satisfied the Examiners in the requirements of subsidiary subjects under Regulation C.1, as follows:

*Modern History.*

II.  
Daniels, G. K.

*French.*

I  
Cutler, Marjorie L.  
II.  
Barker, Eunice M.  
Gill, R. S.  
Threlfall, John

*German.*

I.  
Dunn, Sheila  
II.  
Gill, R. S.  
Threlfall, John

*Geography.*

II.  
Crossley, Jack  
Cutler, Marjorie E.  
Daniels, G. K.

*English Law.*

II.  
Crossley, Jack  
Gill, R. S.  
Winchester, Jack

*Mathematics.*

I.  
Daniels, G. K.

## Ordinary Degree of B.A.

The following have completed the prescribed courses for the Ordinary Degree of B.A.:

Baker, Dora A.  
Balslaw, Elizabeth  
Bernbridge, George  
Brentnall, Beatrice A.  
Bromley, E. J.  
Burgess, Mary L.  
Clark, Margaret A.  
Cohen, Mary  
Concannon, Margaret R.  
Conolly, Cecelia  
Crabtree, A. B.  
Crook, R. M.  
Edden, Marion S.  
Edmondson, Norman  
Fletcher, Charles  
Grant, Frieda  
Gribbin, Patricia R.

Hartnoll, S. W. F.  
Haworth, Kathleen A.  
Holland, Margaret M. C.  
Horridge, Margaret  
Hutton, Joan B.  
James, Mary I. McC.  
Johnson, Dorothy M.  
Jones, Dorothy F.  
Lindsay, Lillian E.  
McGulvray, J. C.  
Mappin, A. G.  
Millner, Marjorie W.  
Pearson, Joseph  
Pickering, Gertrude  
Price, Marjorie P.  
Roberts, E. H.

Robinson, G. A.  
Sharples, A. C.  
Shaw, C. E.  
Shaw, Ethel L.  
Slater, Mary K.  
Smith, Dora  
Sutton, Gwendoline M.  
Thompson, Frances  
Tonge, M. W.  
Unwin, Phyllis  
Walker, D. C.  
Warrington, Mary  
Whitlick, R. V.  
Whyatt, C. B.  
Wiffen, A. J.  
Wright, Mary F.









GENERAL EXAMINATION—continued.

[illegible]







## INTERMEDIATE EXAMINATION—continued.

	Pure Maths.	Logic.	Ancient History.	Modern History.	Greek.	Latin.	French.	German D.	Hebrew.	English.	German B.	Political Economy.	Medieval History.	Italian.	Russian.	Spanish.	Geology.	Elem. of Eng. Law.	Psych. and Gen. Phil.	Arabic.
Edmondson, Joan M. ....			II			II		II		II										
Entwistle, Kathleen M. ....			II			I	II													
Fairhurst, Georgina ....			II			II				II										
Farrand, Nancy ....			II											II						
Fielding, Gwladys M. ....						II	II													
Firth, P. A. ....						I					I									
Fisher, Patricia M. C. ....						II														
Fletcher, Charles ....												II								
Fletcher, J. A. ....			II																	
Flint, Constance E. ....							II													
Fothergill, Catherine M. ....						II														
Gadd, Margaret L. ....						II	II					II								
Garner, J. C. ....						I								I						
Garrett, A. L. ....																				
Garside, Donald ....							II													
Gaskell, Christopher ....									I											
Gaul, R. C. ....			II																	
Gent, Margaret B. ....				II			II			II										
Gibson, Dora I. ....						II		II											II	
Gill, R. S. ....							II	II												II
Gornall, George ....							II	II												
Gorton, Robert ....																	II			
Gould, Elwyn M. E. ....							I											II		
Grant, Frieda ....																			II	
Green, A. E. ....																	II			
Greenberg, J. C. ....	I			I						II										
Greenwood, J. T. ....							II													
Griffiths, G. R. ....	II		II						II	II										
Gunn, P. R. M. ....			II																	
Haddakin, Eileen ....						II				I										
Halliday, J. L. ....	II						II												II	
Hamar, Phyllis M. ....																II				
Hammer, Hélène J. ....				II															II	
Hardy, Herbert ....											II									
Hare, Eileen ....					I															
Hargreaves, Marian J. ....							II													
Harland, Joyce ....				I			I													
Harthan, Victor ....				II			II				I	II								
Hartley, H. K. ....							II													
Hartt, Hilda ....			II	II																
Healey, J. C. ....						I		I				I								
Heap, Mary ....						II	II					II								
Heath, Jennie M. ....												II								
Hebden, Marian ....							II													
Herring, A. J. ....									II											
Higgins, Edith ....																				
Hilton, P. B. ....			II				II				II									
Hilton, T. E. ....							II					II								
Hirst, Barbara F. ....							II				II									
Holloway, William ....			II																	
Holmes, A. C. ....	II	II									I									
Hope-Jones, Barbara ....				II			II													
Horridge, Margaret ....							II													
Hough, Dorothy M. ....								II				II						I		
Howarth, B. L. ....							I													
Hume, Elizabeth M. ....							II							II						
Humphreys, A. F. ....			II			I														
Huss, T. P. T. ....			I			II														
Hutchinson, Honorah A. M. ....				II			II				II									
Hyde, Charles ....																		II		
Iltingworth, Grace A. ....													II							
Jagger, B. F. ....							II					II								





[illegible]

**Certificate in Architecture.****FINAL EXAMINATION.**

Buttrick, W. T.

Speakman, H. G.

Taylor, Harry

**Faculty of Science.****Degree of D.Sc.**Baker, Wilson  
Bradley, A. J.

Hopwood, A. T.

Lamb, E. H.

**Degree of M.Sc.**Cliffe, W. H.  
Eaves, C. W.  
Goodwin, W. L.Matheson, J. L.  
Sein, M. K.  
Sewell, J. F.Spiers, John  
Whittington, R. B.**Degree of B.Sc. - Honours Schools.****MATHEMATICS.***First Class.*Crossley, Thomas  
Levy, Simon  
Paynter, Albert  
Tennyson, A. R.*Second Class.*(Division I.)  
Battersby, T. F.  
Faulkner, Mary S.  
Whittaker, Lucy G.  
(Division II.)  
Hornby, Mavis  
Taylor, P. H.*Third Class.*

Natt, L. R.

**ENGINEERING.***First Class.*Burton, Arthur  
Cleaver, R. F.  
Fairweather, Alan  
Hufton, P. A.  
Moon, F. H.  
Slater, Robert  
Stansfield, Harry*Second Class*(Division I.)  
Armitage, D. L.  
Cooper, Jack  
Hoyle, J. W.  
Khan, M. G. D.  
\*Sedgfield, H. B.  
(Division II.)  
Creak, A. S.  
Kershaw, L. W.  
Nield, I. C.  
\*Torkington, Alfred  
Wheeler, J. S. C.*Third Class.*Greenhalgh, Frank  
Parkinson, W. L.

\* Additional term's attendance required.

**PHYSICS.***First Class.*Illingworth, J. W.  
Liddington, Ronald  
Porter, Arthur  
Reynolds, T. H.  
Taylor, Abraham*Second Class.*(Division I.)  
Ball, L. W.  
Edwards, Alice  
Huntingdon, William  
Martin, T. M.  
(Division II.)  
Dawson, J. A. T.  
Hindley, H. R.  
Mason, Annie  
Moore, J. R.*Third Class.*Halstead, Harry  
Mitchell, A. H.  
Quadri, S. A.  
Stonestreet, Maurice  
Walker, J. H.

CHEMISTRY.

*First Class.*  
Anderson, J. G.  
Evans, A. G.  
Hornbrook, Patricia W.  
Horrex, Charles  
Jones, R. N.  
Wardhurst, Ernest  
Whittaker, James  
Wilkinson, Rowland  
Wrather, H. C.

*Second Class.*  
(*Division I.*)  
Cheetham, K. H.  
Jenkins, Doreen I.  
Ogden, Joyce  
Oldman, E. R.  
Wright, Edna M.  
(*Division II.*)  
Feingold, Reuben  
Johnson, Ethel M.  
King, Henry  
Lowe, Arthur  
Matthews, Norman  
Nicholson, Jack  
Smith, Kathleen M.

BOTANY.

*First Class.*  
Dawson, C. D. R.  
Tondinson, T. G.

*Second Class.*  
(*Division I.*)  
Lang, Cecilia H.  
Pickstone, Diana M.  
(*Division II.*)  
Rhodes, Minnie

GENERAL SCIENCE.

*First Class.*  
Horrocks, Harry  
Turnock, Ruth M.

*Section I.*  
*Second Class.*  
(*Division I.*)  
Walters, A. L.  
(*Division II.*)  
Whitehead, W. T.

*Third Class.*  
Bruce, Reginald  
Cunliffe, Leslie

*First Class.*  
Cohen, Morris  
Pooley, Olive

*Section II.*  
*Second Class.*  
(*Division I.*)  
Briggs, G. H.  
(*Division II.*)  
Perry, Ethel M.  
Robinson, Eileen M.

*First Class.*

*Section III.*  
*Second Class.*

*Third Class.*  
Chaplin, B. H. G.

*Section IV.*  
None.

METALLURGY.

*First Class.*  
Ashton, A. B.  
Crowther, James  
Murray, Gerald  
Waddington, John

*Second Class.*  
(*Division I.*)  
Jackson, J. F. B.  
Lawrie, W. B.  
(*Division II.*)  
Capper, Hal

GEOLOGY.

*First Class.*  
Cunliffe, Herbert

*Second Class.*  
(*Division I.*)  
Pearson, Harry

PSYCHOLOGY.

*First Class.*  
Webster, J. J.

## Part I. and Selected Subjects.

## MATHEMATICS (PART II.).

Brown, S. L.  
Gent, A. W.  
Hardwick, Donald

Ingham, Beatrice M.  
Leech, L. H.  
Rimmer, Eileen

Sagar, Harold  
Stoddard, Norman

## MATHEMATICS (PART I.).

Entwistle, Mary  
Faullner, Eleanor G.  
Goodwin, Barbara H.  
Greenhalgh, Robert  
Hayes, Robert  
Howlett, Jack

Lomax, K. S.  
Mackereth, R. J.  
Mason, Marguerite J.  
Morris, Marian  
Nugent, Annie E.

Nuttall, David  
Oliphant, William  
Renwick, Maria I.  
Stansfield, Olive  
Thorpe, Joseph

## ENGINEERING (PART I.).

Aibara, P. H.  
Ashe, T. S.  
Bentham, Max  
Butt, Richard  
Butterworth, Keith  
Dawson, K. D.

Drinkwater, J. W.  
Baton, E. J.  
Fisher, G. S.  
Frank, W. R. B.  
Harness, J. M.  
Holmes-Smith, Franklin

Holt, Leslie  
Lord, G. A.  
Paton, I. K.  
Seddon, J. W.  
Smith, Wilfred  
Swanson, R. P.

## PHYSICS (PART I.).

Howen, Eric  
Connell, Leo  
Cooper, A. Y.  
Dawber, James  
Dumbill, Alexander

Farrinond, Margaret  
Flemming, Clifford  
Gooley, Roy  
Green, Herbert  
Honeyburne, Joan M.

King, Gordon  
Smith, Amy A.  
Stubbs, P. B.  
Twyford, Leslie  
Winterbottom, Leonard

## CHEMISTRY (PART I.).

Alcock, Herbert  
Bottomley, G. H.  
Bushrod, C. J.  
Cockbain, E. G.  
Coffey, D. H.  
Duffin, H. S.  
Eley, D. D.  
Ellison, Harry

Fanthorpe, Nancy  
Grundy, J. M.  
Hudson, Thomas  
Jackson, Harold  
Jackson, J. McG.  
Lant, Richard  
Marsh, Arnold  
Shaw, E. W.

Smith, W. A.  
Swift, R. A.  
Tomlinson, Kenneth  
Wells, Phyllis  
Willock, J. T.  
Wilson, Margery  
Wolstenholme, Eleanor J.

## METALLURGY (PART I.).

Holland, Edgar

Jakeman, K. S. C.

Milnes, A. H.

## GEOGRAPHY AND ANTHROPOLOGY (PART I.).

Downes, Alan

Fairhurst, Frances

Gill, Bessie

## ZOOLOGY (Selected Subject).

Harrop, Betty . . . . . *Geology*.  
Jones, G. A. . . . . *Botany*.  
McDonogh, R. S. . . . . *Botany*.

## BOTANY (Selected Subject).

Allsopp, Allan . . . . . *Chemistry*.  
Farrell, Edith . . . . . *Zoology*.  
Foot, Dorothy M. . . . . *Chemistry*.  
Lund, J. W. G. . . . . *Chemistry*.  
Moore, Evelyn M. . . . . *Zoology*.  
Naylor, Phyllis B. . . . . *Chemistry*.  
Purseglove, J. W. . . . . *Zoology*.

## PHYSIOLOGY (Selected Subject).

Langley, F. A. . . . . *Anatomy*.

## GENERAL SCIENCE (Selected Subject).

Abbott, Kenneth ... ..	Geography.	Fryer, L. N. ... ..	Mathematics.
Airey, Mabel ... ..	Mathematics.	Grundy, Samuel ... ..	Mathematics.
Barker, Evelyn F. ... ..	Botany.	Harrison, Marjorie E. ... ..	Chemistry.
Barnes, Ethel ... ..	Mathematics.	Hurst, Harry ... ..	Chemistry.
Beverley, Kenneth ... ..	Mathematics.	Lees, Arthur ... ..	Chemistry.
Briggs, G. H. ... ..	Chemistry.	Lester, Lillian D. ... ..	Mathematics.
Cohen, Morris ... ..	Chemistry.	Reekie, Mary McN. ... ..	Mathematics.
Coates, P. S. ... ..	Chemistry.	Robson, Catherine ... ..	Mathematics.
Davison, A. S. ... ..	Chemistry.	Wilson, J. N. ... ..	Mathematics.
Ellison, W. G. ... ..	Mathematics.	Wood, Frank ... ..	Mathematics.
Evans, Luck ... ..	Mathematics.		

## PSYCHOLOGY (Selected Subject).

Webster, J. J. ... .. *Physiology.*

## Ordinary Degree of B.Sc.

## FINAL EXAMINATION.

## Division I.

Evans, D. G.

## Division II.

Allison, Muriel  
Beaton, J. R.  
Bell, Christina M.  
Berens, Cyril  
Berth-Jones, E. W.  
Bridge, A. H.  
Callan, E. McC.  
Chaudhury, S. P.  
Cunnington, H. T.  
Dixon, F. J.  
Eastwood, F. H.  
Evans, Ella M.  
Farrer, J. A.  
Fraser, H. R.

Gardiner, Henry  
Guha, P. C.  
Halpern, David  
Hunt, G. A.  
Khan, S. A.  
Leon, I. S.  
McGlone, Walter  
Moffet, G. L.  
Mone, V. T.  
Murray, Jean M.  
Parker, John  
Parkes, Lily  
Raffael, A. M.

Richmond, D. A.  
Richards, A. R. (*absent*)  
Rowlands, E. N.  
Seager, Constance W.  
Shuttleworth, D. A.  
Smith, C. F.  
Smith, F. W.  
Stewart, A. W.  
Tofail, A. K.  
Wade, Edith M.  
Weston, Nancy  
Wetherell, Sydney  
Wood, F. J.

## INTERMEDIATE EXAMINATION.

Allcock, William  
Bailey, Eric  
Bailey, Norman  
Bann, Bernard  
Bentley, Thomas  
Berridge, Margaret K.  
Blain, J. L.  
Boote, Walter  
Bottoms, Alan  
Butterworth, E. C.  
Caldwell, S. B.  
Campbell, Colin  
Chesters, Jocelyn E.  
Clayton, K. H.  
Clegg, J. A.  
Cole, J. W.  
Cooner, Frieda M.  
Copley, G. N.  
Corcoran, Noel  
Cowley, Phyllis M.  
Crabtree, Alice  
Crabtree, Maurice  
Crompton, Olive M.  
Cull, Amy I.  
Davidson, E. W.  
Derbyshire, J. H.  
Earp, J. R.  
Edgc, O. P.  
Ellis, Arthur  
Ferguson, J. G.  
Forrester, Stephen  
Garnett, W. J.  
Gaskell, William

Goodall, John  
Greenhalgh, R. K.  
Griffiths, Richard  
Grunberg, N. D.  
Hall, Doris D.  
Hallowes, A. P. C.  
Haworth, Ernest  
Haycock, Mary B.  
Hobson, Albert  
Hodgkiss, Alice F.  
Holden, W. S.  
Johnson, Robey  
Jones, Barbara M.  
Jones, R. C.  
Kennedy, Thomas  
Kershaw, Leslie  
Laurence, F. N.  
Lee, Edward  
Lockwood, R. H. M.  
McMullen, Hugh  
McTrusty, Jessie E.  
Makinson, William  
Marriott, Reginald  
Mercer, I. E.  
Meredith, W. J.  
Metcalf, Douglas  
Morris, Mary M.  
News, Margaret M.  
Newth, Matilda G.  
Oliver, Kathleen  
Pearson, J. H.  
Pickup, Eric  
Pilkington, Arthur

Pym, R. P.  
Raby, Joan  
Rawcliffe, G. A.  
Robinson, I. R.  
Rush, A. W.  
Slack, H. G. B.  
Smare, D. L.  
Smith, Frank  
Smith, Olga M.  
Sowerbutts, K. M.  
Sowerby, Harry  
Spencer, Norman  
Taylor, C. R.  
Taylor, Elizabeth  
Taylor, Wallace  
Templeton, Haydn  
Thompson, William  
Thomdike, G. H.  
Tomlinson, Kathleen  
Tomlinson, M. R.  
Walker, Kathleen  
Weinberg, Sidney  
Whalley, Harry  
Whitaker, Mary  
Whitaker, T. K.  
White, K. G.  
Wilkinson, E. J.  
Wilson, R. T.  
Wood, M. B.  
Wood, Sheila D.  
Wood, W. E.  
Worthington, Peter  
Wright, H. W.

The following have satisfied the Examiners in the subjects named :

<i>Pure Mathematics.</i>		
Acraman, A. N.	Grimshaw, John	Rayworth, Richard
Broughton, N. W.	Lynn, Helena M.	Taylor, W. F.
Dunkerley, Colin		
<i>Applied Mathematics.</i>		
Golland, Mary H.	Rayworth, Richard	Whittaker, Harold
Grimshaw, John	Ricketts, C. W.	Wood, H. B.
Honeyburne, Barbara J.	Wheaton, R. H. B.	
<i>Physics.</i>		
Broughton, N. W.	Taylor, W. F.	Whittaker, Harold
Dunkerley, Colin	Wheaton, R. H. B.	Wood, H. B.
Ricketts, C. W.		
<i>Chemistry.</i>		
Acraman, A. N.	Bates, A. P.	Golland, Mary H.
Dutton, Olive K.	<i>Elementary Biology.</i>	
<i>Botany.</i>		
Bates, A. P.	Jameson, Annie J.	Lynn, Helena M.
Hardy, Betty		
<i>Zoology.</i>		
Hardy, Betty	Sketch, Geoffrey	
<i>Geology.</i>		
Dutton, Olive K.	Jameson, Annie J.	Sketch, Geoffrey
Honeyburne, Barbara J.		

## Degrees of M.B. and Ch.B.

### FIRST EXAMINATION.

#### PART I.—CHEMISTRY AND PHYSICS.

Altham, Norman	Fletcher, F. M. H.	Makin, F. R. L.
Appleton, J. N.	Garmann, Gerald	Mason, Jean
Apthomas, Muriel I. R.	Henderson, Kathleen M.	Milne, M. D.
Austin, H. B.	Hepplestone, A. G.	Motterhead, Sidney
Burndred, E. F.	Heywood, C. P.	Norton, T. H.
Burnett, W. W.	Jessel, Barbara M.	Oakden, Mary B.
Carr, T. E. A.	Kiff, D. N.	Saunbury, Edward
Coates, J. E.	Levy, Norman	Swain, R. W.
Connie, N. H.	Lieberman, A. A.	Thackray, H. E.
David, A. E.	Longbottom, Donald	Wilson, W. W.
Dearden, V. K.	Lyth, Constance M. F.	Yates, E. J.
Fink, Sidney		

#### PART II.B.—ZOOLOGY.

Babbage, J. C.	Ferguson, J. H.	Livshin, David
Ball, I. W.	Floure, Mary	Locke, G. B.
Ball, R. E.	France, J. H.	Osborne, H. N.
Ballon, Leslie	Green, Rosaline	Pearson, A. F.
Barlow, Beryl A.	Greenhalgh, Edith A.	Robson, W. A.
Barlow, T. E.	Greenhalgh, Ernest	Rogerson, Mary A.
Beckett, R. S. A.	Hawkins, R. S.	Rowson, J. K.
Benham, G. H. H.	Hibbert, F. G.	Stansfield, R. N.
Bennett, Muriel L.	Holden, W. S.	Stewart, T. S.
Berry, George	Hollos, R. B.	Stratton, Fred
Blank, M. J.	Holme, Thomas	Thackray, H. E.
Coe, C. D.	Inglan, William	Webb, J. M.
Dawson, D. B. H.	Jackson, Roger	Whalley, Norman
Dennis, Ina J.	Job, Monica M.	White, A. B.
Dickinson, R. G.	Lawton, T. H.	Whitehead, T. B.
Dinsdale, Tom	Liebert, Katharine I.	Wilding, J. H.
Donnelly, Brian	Linnell, Louis	

The following have satisfied the examiners in Chemistry :

Ashley, G. T.	Johnson, J. D.	Shlosberg, Samuel
Firth, Doris M.	Kippax, P. W.	Whittle, G. H.
Hamwee, Cyril	Ramsden, J. C.	

The following has satisfied the examiners in Physics :

Batley, Eric

**Diploma in Dentistry.****SECOND EXAMINATION.***Zoology.*

Atkinson, H. F.  
Breeze, L. S.  
Brierley, R. E. B.  
Conroy, Teresa E.  
Daker, Derek  
Dearden, R. B.  
Fillingham, R. H.  
Goldman, Saul

Graham, F. B.  
Hallsworth, F. P.  
Hawley, J. P.  
Hornbin, R. H.  
Ireland, S. L.  
Knowlson, B. E.  
Layfield, Harry  
Lorimer, K. L.

Manion, L. S.  
Maywhort, J. E.  
O'Brien, J. F.  
Redman, H. J. K.  
Shenton, F. C.  
Smith, J. W.  
Stewart, A. S.  
Trenbath, H. V. O.

**FIRST EXAMINATION.**

Astle, R. D.  
Berry, Ronald  
Frankenburg, E. E.  
Kay, Bernard

Langford, W. L.  
Lomax, J. S. W.  
Mellor, W. C.  
Miller, John

Pullin, Douglas  
White, Peter  
Wise, Lionel

The following have satisfied the examiners in Chemistry :

Berens, Ralph  
Broadbent, B. T.  
Callow, H. W.

Crawford, A. P.  
Dearden, R. H.  
Kay, Laurence

Parkinson, Frank  
Wood, A. G.

The following have satisfied the examiners in Physics :

Bristow, E. V. B.  
Kent, G. C.

Payne, F. H.  
Reid, R. A. J.

Stones, J. D. McL.

**Diploma in Bacteriology.**

Patil, H. B.

Sallam, H. A. F.

White, S. M.

**Certificate in Engineering.**

Kurup, P. K.

Tsolakides, D. M.

Students who have obtained an Ordinary or Honours Degree in Engineering this year have *ipso facto* satisfied the requirements for the Engineering Certificate, and are therefore entitled to the Certificate in Engineering.

**Faculty of Law.****Degree of LL.M.**

Webber, G. J.

**Degree of LL.B.****FINAL EXAMINATION.***(Honours.)*

*First Class.*  
Aspden, J. P.  
Carr, J. P. M.

*Second Class.*  
Cheetham, George  
Clough, F. F.  
Elliott, J. B.  
Lancaster, Stanley  
Levy, J. B.  
Littlewood, Arthur

*Third Class.*  
Heron, C. G.  
Howarth, N. S.  
Lansdale, William  
Mason, E. B.  
Parker, W. R.  
Walsh, W. E. T.

*(Ordinary.)*

Bullough, F. O.  
Cohen, Maurice

Lever, N. H.



## INTERMEDIATE EXAMINATION.

*Division I.*

Booth, James  
Entwistle, Betty V.  
Wood, Walter

*Division II.*

Booth, Dorothea E. O.  
Buckley, C. H. W.  
Cartwright, F. W.  
Cohen, Mark  
Collier, J. B.  
Gorna, J. C.  
Graddidge, J. G.  
Grundy, Robert  
Haardt, W. L.  
Holland, J. M.

Holland, Margaret D.  
Lambert, Alan  
Lister, T. M.  
Mills, J. S.  
Mutch, Duncan  
Potts, F. N.  
Rhumer, J. H.  
Shawcross, H. R.  
Taylor-Jones, Kenneth  
Williams, N. J. C.

## Faculty of Medicine.

## Degree of M.D.

Blakely, A. P. L. (*with commendation*)  
Cowan, S. T. (*with commendation*)  
Davis, A. A. (*with commendation*)  
Harris, D. T. (*with commendation*)

Mills, Nora  
Moffatt, A. B. (*with commendation*)  
Newton Robert (*with commendation*)  
Ratner, Edwin

## Degree of M.D.S.

Stones, H. H. (*with commendation*)

## Degrees of M.B. and Ch.B.

## FINAL EXAMINATION.

*Second Class Honours.*

Heslop, T. F.

Bradley, Wilfrid  
Brindley, T. W.  
Circuitt, Edna  
Clough, R. K.  
Davis, Eli  
Evans, P. R.  
Hughes, W. G. H.  
Johnson, J. F. E.

Judson, Raymond  
Kennedy, A. R.  
Launer, Nathan  
Morris, J. C.  
Nightingale, Roland  
Palin, H. C.  
Racker, D. C.  
Read, Florence C.

Rich, Louis  
Sagar, Walter  
Schofield, John  
Shlosberg, Nathan  
Strauss, J. N.  
Vernon, Eric  
Walker, C. S.  
Williams, J. L. D.

*Awarded distinction in Obstetrics :*

Vernon, Eric

*Awarded Distinction in Medicine :*

Heslop, J. F.

## FINAL EXAMINATION.

## PART I.

*Forensic Medicine and Hygiene and Preventive Medicine.*

Baker, Harry  
Bullough, A. S.  
Cargill, W. P.  
Copeland, Neville  
Cran, J. D. H.  
Curry, John  
Dawson, Annie M.  
Flack, I. H.  
Goldstone, Norman  
Hancock, Charles

Harris, Arthur  
Harris, Harry  
Hempling, Henry  
Hill, B. P.  
Hobson, J. A.  
Janus, Fred  
Jobson, R. H.  
Jones, S. H. O.  
Kirkman, N. F.

Mackay, D. H.  
Martin, A. E.  
Mather, Barbara de V.  
Patterson, E. L.  
Porter, Winifred  
Spencer, W. K.  
Tetlow, Clifford  
Tomlinson, A. McN.  
Woodhead, J. A. A. L.

## THIRD EXAMINATION.

*Pathology and Bacteriology.*

Boardman, John  
Bowle, Monica D.  
Huthorn, G. D.

Hirson, R. E.  
Kelly, T. S. B.

North, H. D. B.  
Starkie, John

*Pharmacology.*

Cohen, Jack  
Ellis, E. F.

Frank, Samuel  
Kershaw, W. E.

Robertshaw, A. L.

## SECOND EXAMINATION.

Abelson, S. G.  
Barlow, Deryl A.  
Berens, Cyril  
Booth, Helene E. K.  
Brayshaw, Muriel J.  
Briar, Hilda  
Brundrett, J. C.  
Burke, P. J.  
Cantley, J. H. B.  
Chalmers, Caroline J.  
Cohen, Violet  
Flaeks, Benjamin  
Goldman, Jacob  
Gregson, A. H.  
Halpern, David

Hamer, A. B.  
Hartley, B. P. R.  
Herd, J. A.  
Hosford, Isaac  
Hilton, James  
Holland, C. B.  
Konrower, G. M.  
Lees, V. T.  
McHugh, B. P.  
Milligan, Bvaleen N. A.  
Mills, Eleanor M.  
Mitchell, E. J.  
Monks, J. R.  
Morgan-Jones, Arthur

Portnoy, Benjamin  
Purves, W. H.  
Richmond, D. A.  
Rowlands, E. N.  
Shashoua, Aboudi  
Shaw, R. M.  
Shtetlin, Nina  
Slater, H. B.  
Smith, A. M. L.  
Smith, F. W.  
Taylor, Nathan  
Walker, D. I.  
Welland, M. B. D.  
Whitaker, E. P.

The following has been awarded Distinction in Physiology :  
Halpern, David

## Degree of B.D.S.

## FINAL EXAMINATION.

## PART I.

The following has satisfied the Examiners in *Systematic Surgery, Pathology, and Systematic Medicine* :

Firth, H. D.

## Diploma in Dentistry.

## FINAL EXAMINATION.

Bestford, J. C. P.  
Cleworth, S. D.  
Ellis, G. J.  
Gittings, S. J.

Gledsdale, H. P.  
Monks, F. T.  
Moule, A. W.  
Norcliffe, T. S.

Parry, A. L.  
Roberts, F. C.  
Thornton, Eric

The following has satisfied the Examiners in *Systematic Surgery, Pathology and Systematic Medicine* :

Marks, Frederick

## THIRD EXAMINATION.

*Anatomy and Physiology.*

Byron, James  
Cocker, Geoffrey  
Davison, P. H.  
Downs, A. H.  
Ellison, Charles  
Fenton, James  
Ferguson, G. R.  
Haywood, E. N.

Hodgkins, Irene  
Kershaw, Frank  
Maben, Alexander  
Mason, H. T.  
Nicholls, Patricia H.  
Peel, John  
Potts, Philip

Sheasby, H. W. S.  
Taylor, F. S.  
Wallwork, Frank  
Whittle, J. H.  
Williams, J. N.  
Wilson, Helen A. F.  
Wilson, Frances I.

*Dental Anatomy and Histology.*

Byroni, James  
Carrington, Evelyn  
Cocker, Geoffrey  
Davison, P. H.  
Downs, A. H.  
Ellison, Charles

Fenton, James  
Fogan, J. F.  
Hodgkins, Irene  
Kershaw, Frank  
Malen, Alexander  
Mason, H. T.

Payton, D. V.  
Peel, John  
Shensby, H. W. S.  
Smith, A. S.  
Watson, John  
Williams, J. N.

**SECOND EXAMINATION.***Dental Metallurgy.*

Bakewell, Weeder  
Billings, A. G.  
Burgess, J. B.  
Carter, H. A.  
Copestake, Edgar  
Dearnaley, R. B.  
Derbyshire, Kenneth  
Douglas, George

Hackney, K. S.  
Holt, J. K.  
Holt, T. S.  
Horabin, R. H.  
Humphreys, J. A.  
Knowlson, B. E.  
Layfield, Harry

Pigott, P. J.  
Rothwell, J. C.  
Stewart, A. S.  
Sutcliffe, J. H.  
Thompson, E. H.  
Wignall, Bessie  
Wilson, Frank

*Dental Mechanics.*

Bakewell, Weeder  
Douglas, George  
Gratrix, Eric  
Hackney, K. S.

Holt, T. S.  
Humphreys, J. A.  
Moody, Geoffrey  
Salem, Jack

Stewart, A. S.  
Sutcliffe, J. H.  
Wilson, Frank

**Diploma in Psychological Medicine.****PART II.**

Palmer, H. A.

**Diploma in Public Health.****PART II.**

Davidson, R. S.  
MacGregor, Murdoch

Martin, W. M.  
Ross, Thomas

Starkie, Colin  
Wainnsley, G. H. C.

**PART I.**

Carter, G. B.  
Harrison, T. H.  
Kirkland, G. K.  
Martin, W. M.

Ramago, Gerald  
Starkie, Colin  
Thomas, C. J.

Wade, C. H. T.  
Wainnsley, G. H. C.  
Wainnsley, W. C. D.

**Diploma in Veterinary State Medicine.**

Bennison, J. C.

Blanchard, J. H.

Runciman, J. P. G.

**Certificate in School Hygiene.**

McLennan, W. A.

**Certificate in Factory Hygiene.**

Newton, V. A.

**Faculty of Music.**

**Degree of Mus.D.**

Smale, P. W. de C.

**Degree of Mus.B.**

**THIRD EXAMINATION.**

Davis, Katherine H.

Snowball, Annie D.

**FIRST EXAMINATION.**

Hilton, Eric

**Faculty of Commerce and Administration.**

**Degree of M.A. (Com.).**

Bennett, G. A.

Gray, E. M.

Riley, Arthur

The following candidate has satisfied the Examiners in the examination portion for the Degree of M.A. (Com.) but has still to present a thesis :

Butterfield, H. C.

**Degree of M.A. (Admin.).**

Atack, Granville

Chester, D. N.

Wood, Elizabeth J.







## Degree of B.A. (Admin.).

The following have completed the courses for the degree of B.A. (Admin.):

Bulley, Stanley  
Carran, H. W.  
Carran, L. G. R.  
Fowler, Harry  
Lambert, Louis

Matthews, Leslie  
Robinson, J. M.  
Rose, H. S.  
Rothwell, Arthur  
Shepherd, George

Shepherd, W. H.  
Stowe, G. T.  
Tidwell, Thomas  
Wellings, G. H.

(The Roman numerals indicate the division in which the candidate was placed.)

	Public Admin.	Mod. British History	English Constitution	Organ. of Eng. Educ.	Admin. of Pub. Util.	Elem. of English Law	Statistics I.	Statistics II.	Social Economics	Industrial Psychology	Cotton Industry
Allen, William	II										I
Bailey, Edwin											
Barnett, F. H.	II										
Baron, Eric	II										
Baron, W. A.	II	II	II								
Bentonshaw, John	II										
Billey, Stanley											
Blackley, Arnold	II										
Booth, Arthur	II	II	II								
Bray, Mary	II										
Bridges, Robert	II										
Brink, J. W.	II										
Brook, Fred	II										
Burke, M. G.	II										
Chatterton, Robert	II										
Chesley, George	II										
Coker, H. W.	II										
Cottam, F. G. B.	II	II	II								
Crauth, Stanley	II										
Cropper, Thomas	II	II	II								
Deakin, Charles	II										
Dover, Robert	II	II	II								
Edwards, John	II										
Ewing, Margaret	II										
Fowler, Harry	II										
Fry, R. H.	II										
Gordon, R. B.	II										
Grundy, Peter	II	II	II								
Hannah, Irene	II	II	II								
Hartley, G. C.	II	II	II								
Hartley, A. M.	II	II	II								
Herbert, Nedra	II										
Hodgson, P. R.	II										
Hutchinson, E. M.	II	II	II								
Jagger, Frank	II	II	II								
Jarman, F. H.	II										
Johnson, F. H.	II										
Lattin, Dorothy	II										
Lather, Nora	II										
Lawsley, Harold	II	II	II								
Locking, Eric	II										
Lomax, James	II										
Matthews, Leslie	II										
Mattinson, A. B.	II	II	II								
Robinson, J. M.	II										
Rose, H. S.	II										
Rothwell, Arthur	II	II	II								
Saxon, Eric	II										
Seaton, R. V.	II										
Shepherd, George	II										
Shepherd, W. H.	II										
Stallard, Norman	II										
Stewart, Eileen	II										
Stowe, G. T.	II										
Tidwell, Thomas	II										
Tipper, Dorothy	II	II	II								
Turner, G. P.	II	II	II								
Vaughan, Edward	II	II	II								
Wales, William	II	II	II								
Watkin, Stanley	II	II	II								
Wellings, G. H.	II	II	II								
Widgery, Vera	II	II	II								
Widgery, John	II	II	II								



## Certificate in Public Administration.

The following has completed the Courses for the Certificate in Public Administration:  
Hunter, Mary

<i>French.</i> None	<i>Industrial Psychology.</i> II. Crompton, Paul M	<i>History of Government in America.</i> II. Crompton, Paul M
<i>Economic History.</i> II. Hunter, Mary	<i>Local Government.</i> II. Crompton, Paul M Hunter, Mary	<i>Modern Government.</i> II. Hunter, Mary
<i>Political Philosophy.</i> II. Hunter, Mary	<i>Political Economy.</i> None	

## Diploma in Social Study.

<i>Economic History.</i> II. Makin, Ednie R. L.	<i>Local Government.</i> None.	<i>Statistics I.</i> None
	<i>General Psychology.</i> II. Wraith, Ida	

**Faculty of Theology.**

## Degree of B.D.

The following have completed all courses for the degree of B.D. :

Arnold, William  
Baker, Raymond H.  
Brown, Leonard

Cooke, L. L.  
Giles, J. P.  
Meadley, F. D.

Raunsey, K. V.  
(with Distinction in Groups  
I., II., and III.)  
Rogers, Edward

### FINAL EXAMINATION.

	English Bible.	Hist. of Doct. (General).	Hist. of Doct. (Special).	Philos. of Religion.	Psych. of Religion.	Christian Ethics.	Comp. Religion I.	Comp. Religion II.	Eccles. Hist. Outlines to 10th C.	Eccles. Hist. Outlines from 10th C.	O.T. Texts (A).	O.T. Texts (B).	N.T. Texts (A).	N.T. Texts (B).	Bib. Hist. O.T.	Bib. Hist. N.T.	Essay.
Arnold, William .....	P							P				P					P
Baker, Frank .....		P										P					P
Barker, Rosamond H. ....	P			P									P				P
Bembridge, George .....	P							P									P
Brankin, James .....				P								P					P
Brown, Leonard .....	P														P		P
Bundley, S. I. D. ....												P					P
Cooke, L. E. ....	P	P				P	P	P				P	P				P
Guthbert, Derrick .....		P													P		P
Dicks, C. G. ....			P											P			P
Evans, W. N. ....			P			P	P	P				P					P
Fisk, G. A. ....		P	P			P	P	P				P					P
Fitzgerald, Eileen K. ....	P	P				P	P	P					P				P
Foy, J. H. ....	P	P	P	P		P	P	P		P			P		P		P
Giles, J. P. ....	P	P		P			P	P				P	P		P		P
Hilton, W. G. ....				P			P	P					P				P
Hopwood, C. R. ....	P	P	P				P	P				P	P		P		P
Jubb, W. F. ....				P			P	P									P
McGilvray, J. C. ....	P					P	P	P						P			P
Mason, Leonard .....				P		P	P	P					P				P
Meadley, T. D. ....	P	P			P							P		P		P	P
Orchard, R. K. ....	P												P				P
Pollock, F. B. G. ....				P			P	P					P		P		P
Ramsay, K. V. ....	P			P		P						P	P		P		P
Rogers, Edward .....		P	P					P				P	P	P	P		P
Rose, J. A. ....				P			P	P							P		P
Shildrick, B. C. ....	P						P	P					P		P		P
Sunman, Mary .....	P						P	P					P		P		P
Vernon, S. T. ....								P					P		P		P
Whitby, G. S. ....			P		P								P				P

## Certificate in Theology.

The following has completed all courses for the Certificate in Theology :

Western, Wilfred (with Distinction in Church History, and with Psychology of Religion as an additional subject).

	Greek N.T.	Hist. of Bib. Rel.	Comp. Religion.	Church History.	Hist. of Doct. (General).	Philos. of Religion.	Christian Ethics.	Psych. of Religion.
Abell, Thomas ... ..	P							
Catrns, K. W. A. ... ..						P		
Darvill, Ralph ... ..	P							
Driver, Norman ... ..	P	P						P
Duckworth, Frank ... ..	P							
Goodwin, P. H. ... ..			P					
Hair, Jack ... ..	P	P						
Holgate, Clifford ... ..						P		
Holt, Harold ... ..						P		
Jones, T. A. ... ..		P	P					
Lloyd, G. R. ... ..		P	P	P			P	
McQuillan, Thomas ... ..	P			P	P			
Nicholson, T. A. ... ..	P	P	P	P				
Pearse, J. H. F. ... ..		P						
Render, S. H. ... ..		P				P	P	
Western, Wilfred ... ..		P	P	P		P		P
Worsnip, Leslie ... ..						P	P	
Wright, C. E. ... ..		P	P			P		

## Certificate in Biblical Knowledge.

\*Clarke, Harold

\*Epstein, Harry

\*Holgate, Clifford

\*Darvill, Ralph

\*Gunn, W. G. D.

\*†McQuillan, Thomas

\*†Duckworth, Frank

\*†Harmon, Marjorie E.

\*Williams, Arthur

\* Satisfies requirement (4) for Certificate in Theology.

† Satisfies requirement (5) for Certificate in Theology

**Faculty of Technology.****Degree of M.Sc.Tech.**

Butterworth, F. F.  
Darhoos, M. M.  
Hatton, J. P.

Isueh, D. Y.  
Kirby, J. A.  
Pal, P. P.

Sadasivan, Ramasamy  
Smith, Kate

**Degree of B.Sc.Tech.****Higher Courses.****MECHANICAL ENGINEERING.***Division I.**First Class Honours.*

Appleton, J. R.  
Thorndley, F. C.

*Second Class Honours.*

Alikhan, M. V.

**ELECTRICAL ENGINEERING.***Division I.**First Class Honours.*

Padel, S. H.  
Pass, C. W.

*Second Class Honours.*

Holt, J. B.  
Thomas, D. H.

**APPLIED CHEMISTRY.***Division I.**First Class Honours.*

Densem, N. E.  
Vero, Eric  
Walker, W. S.

*Second Class Honours.*

Hall, R. H.  
Morritt, Leonard

**Higher Courses (Part I.).****MECHANICAL ENGINEERING.**

Johnson, J. E.

Thompson, R. E. G.

**ELECTRICAL ENGINEERING.**

Buttrey, R. N.  
Clegg, J. E.  
Fielding, R. A.

Robinson, William  
Schofield, Fred  
Skipper, T. C.

Sykes, Ellis  
Waters, P. L.  
Willshaw, W. E.

**MUNICIPAL ENGINEERING.**

Jones, Royston

Oldfield, Cyril

**APPLIED CHEMISTRY.**

Ashworth, Sidney  
France, G. D.  
Garside, J. E.  
Gill, Ernest

Gold, J. H.  
Harrison, F. W.  
Hitchin, Oswald

Kinnear, A. M.  
Warne, Harry  
Wiles, A. E.

**BUILDING.**

Burgess, John

**Ordinary Courses.****MECHANICAL ENGINEERING.***Division I.*

Cooper, J. P.  
Fielding, C. H.  
Hardman, D. W.

*Division II.*

Crass, N. E.  
\*Hogan, John  
Morton, J. H.  
Vaughan, Norman

\* Language Certificate required.

**ELECTRICAL ENGINEERING.***Division I.*

Adams, O. H.  
Atkinson, A. L.  
Bibby, H. F.  
Nevrekar, M. L.  
Proctor, Anthony  
Shallcross, John  
Sia, Ven

*Division II.*

\* Bhajwani, C. K.  
Hodgson, P. W.  
\* Hogg, Frank  
\* Ogden, J. A.  
Ray, J. B.  
\* Shepherd, G. H.  
Speare, L. S.

**MUNICIPAL ENGINEERING.***Division I.*

Crossland-Hinchliffe, J. C.  
Narayana-Swami, B. S.  
Orniston, Osmond

*Division II.*

Ali, M. M.  
Cole, G. M.  
Hill, Sydney  
Murthy, B. V. V.

**APPLIED CHEMISTRY.***Division I.*

Kay, John

*Division II.*

Wright, J. S.

**TEXTILE CHEMISTRY.***Division I.*

† Bell, F. M.

*Division II.*

Kenworthy, J. W.

**TEXTILE INDUSTRIES.***Division I.*

Sarangapani, K. C.  
Speak, Frank

*Division II.*

Athey, J. B.  
Das, A. N.  
Kaufman, Solomon  
Werner, A. H.

\* Language Certificate required.

† Additional Attendance required.

**Intermediate Examination.**

Alexander, Robert  
Allen, P. W.  
Bannister, J. L.  
Brocken, P. T.  
Challiner, C. J.  
Clough, William  
Coghlan, Edward  
Curtin, A. G.  
Evans, R. J.  
Fariduddin, Mohammed  
Fulford, Aubrey  
Goodwin, G. R.

Graden, J. H. F.  
Hurdcastle, F. K.  
Haveliwala, N. A.  
Howarth, A. S.  
Johnson, R. A. H.  
Johnston, Daniel  
Kandaswamy, R. K.  
Kowshik, D. N.  
Maccall, J. T.  
Mason, Wilfred  
Merica, Michel

Ogden, P. H.  
Ormerod, Albert  
Porter, R. G.  
Potts, Samuel  
Simon, Jamil  
Spencer, K. A.  
Stewart, D. B.  
Stromberg, Harry  
Thompson, J. J.  
Verily, T. E. A.  
Woo, D. T.

The following have satisfied the Examiners in the subjects named :

*Mathematics.*

Bowyer, Ronald

Partington, H. H.

Preston, T. S.

*Physics.*

Bowyer, Ronald  
Egerton-Smith, J. D.  
Graham, D. S.

Hamdy, Charles  
Lowe, W. A.  
O'Reilly, Anthony

Partington, H. H.  
Preston, T. S.  
Rohde, K. J.

*Chemistry.*

Egerton-Smith, J. D.  
Graham, D. S.

Hamdy, Charles  
Lowe, W. A.

O'Reilly, Anthony  
Rohde, K. J.

**Certificate in Technology.****FINAL EXAMINATION.**

*Municipal Engineering.*  
Hannay, G. B.

*Textile Chemistry.*  
Baker, C. T.

*Textile Industries.*  
Stewart, Ernest

**Faculty of Education.****Degree of M.Ed.**Brown, W. J.  
Clarke, E. R.Hope, Harry  
Slater, Harold

Wood, C. W.

**PRELIMINARY EXAMINATION.**Bain, Margaret I.  
Connolly, Eleanor

Hawkins, R. H.

Herbert, W. F.

**Teacher's Diploma.***First Class.*Biddulph, Irene M., B.A.  
Castle, Doris C., B.Sc.  
Chapman, W. C., B.A.  
Farrar, Elsie, B.A.  
Harley, Joan L., B.A.  
Higson, Fred, B.A.Leach, Albert, M.A.  
Lingard, John, B.A.  
Mottram, Lilian A., B.A.  
Stubbs, D. R., B.Sc.  
Tarver, Constance M., B.Sc.  
Tomlinson, Marlon H., B.A.*Second Class.*Ainsworth, Thomas, B.Sc.  
Angus, A. A., B.A.  
Atkinson, Marjorie K., B.A.  
Baguley, F. E., B.Sc.  
Beckett, J. H., B.A.  
Bell, Edward, B.Sc.  
Berry, Mary D. R., B.A.  
Bradshaw, Mary A., B.A.  
Broadhurst, Sarah E., B.A.  
Brooks, Elsie, B.A.  
Bruce, Isabella G., B.A.  
Burton, Frank, B.A.  
Causar, Marjory, B.Sc.  
Charley, Marion G., B.A.  
Clark, Margery, B.Sc.  
Clarke, William, B.A.  
Cockerott, Margery G., B.A.  
Collinson, Katherine M., B.A.  
Cope, N. A., B.A.  
Cummings, R. G., B.A.  
Darbyshire, Wilfred, B.Sc.  
Davenport, Mary I., B.A.  
Denard, Evelyn, B.A.  
Downham, W. C., B.Sc.  
Eastwood, Eric, M.Sc.  
Eley, H. L., B.Sc.  
Fairhurst, John, B.Sc.  
Farber, Miriam, B.Sc.  
Faulkner, W. T., B.A.  
Fawthrop, Margaret R., B.Sc.  
Firth, F. S., B.Sc.  
Griffiths, Mary, B.A.  
Hall, Sylvia, B.A.  
Hardy, W. P., B.Sc.  
Harkness, David, B.Sc.  
Harrison, S. L., B.Sc.  
Hasselgren, John, B.A.  
Hayes, J. C., B.Sc.  
Hey, Donald, M.Sc.  
Higson, Helen E., B.Sc.  
Holden, Beatrice M., B.A.  
Horton, B. S., B.A.  
Ingham, G. W., B.A.  
Jagger, Kathleen M., B.A.Johnson, B. M., B.A.  
Johnson, Eileen M., B.Sc.  
Johnston, Ruth E., B.A.  
Kay, R. S., B.A.  
Lester, Joseph, B.A.  
Linton, Evelyn, B.A.  
Maxwell, Margaret, M.A.  
Morgan, A. S. L., M.Sc.  
Newton, Susan M. H., B.A.  
Norris, F. J., B.A.  
Oxtoby, Doris, B.Sc.  
Prendergast, F. M., B.A.  
Prynn, Kathleen M., B.A.  
Ranson, John, B.Sc.  
Rule, May S., B.A.  
Sellers, Joseph, B.A.  
Sephton, Ada F., B.Sc.  
Shepherd, W. H., B.A.  
Sibley-Haycock, Nancie V., M.A.  
Sircom, Geoffrey, B.A.  
Smith, Lawrence, B.A.  
Smith, T. K., B.A.  
Smith, W. S., B.Sc.  
Steiner, Hilda C., B.A.  
Stocks, G. R., B.A.  
Sutcliffe, Albert, B.A.  
Sutcliffe, K. E., B.A.  
Taylor, Elizabeth A., B.A.  
Thompson, Rachel D., B.A.  
Tooth, Olive, B.Sc.  
Walley, Nance M., B.A.  
Walton, N. W., B.A.  
Watson, Thomas, B.A.  
Watts, J. R., B.A.  
Welsh, Constance A., B.A.  
White, C. E., B.Sc.  
Whittington, Marie L., B.A.  
Whitton, Harold, B.A.  
Williams, Edna B., B.A.  
Winstanley, Martha A., B.Sc.  
Wood, J. L., B.A.  
Wrigley, Joan W., B.A.  
Yarborough, Winifrede, B.Sc.**University Certificate for Teachers of the Deaf.***Second Class.*Dickinson, Dorothy S.  
Jagger, Kathleen M., B.A.  
Johnson, Eileen M., B.Sc.  
Maxwell, Margaret, M.A.  
Pargeter, Helen E.Rule, May S., B.A.  
Sibley-Haycock, Nancie V., M.A.  
Sturman, Rose H.  
Swanwick, G. R.  
Watson, Thomas, B.A.

## Annual Statement.

SESSION 1932-1933.

### OBITUARY.

It is with deep regret that I have to record the deaths of the following :

Dr. Alfred Rée, a member of the Court of Governors since 1925 and of the Council since 1927, and Deputy-Treasurer from 1927 to 1931. His scientific knowledge and sound judgment have been of great benefit to the University.

The Right Honourable Lord Ashton of Hyde, who has been a member of the Court of Governors since 1908.

Mr. E. G. Hiller, a graduate of the University, and a member of the Court of Governors since 1920.

Dr. William Stirling, for thirty-three years Brackenbury Professor of Physiology, and for nine years Dean of the Medical School. It was chiefly through his influence that the original Medical School buildings were largely extended, and he took a leading part in most of the developments in the Faculty of Medicine during his tenure of office.

Professor W. T. Waugh, Professor of History in the McGill University, formerly Bishop Fraser Reader in History and a member of the Staff of this University from 1910 to 1922.

Mr. T. A. Coward, a graduate of the University, a member of the Museum Committee, and formerly Acting Keeper of the Museum.

Miss Winifred M. Crompton, Assistant Keeper in the Museum, and a member of the Staff since 1905.

Mr. J. T. Halliday, Lecturer in Town Planning since 1923.

Mr. E. W. V. Clifton, Lecturer in Classics, and a member of the Staff since 1920.

Miss Catherine I. Dodd, Mistress of Method and Lecturer in Education in the University from 1892 to 1905.

Dr. J. W. Graham, Tutor in Mathematics at Dalton Hall, 1886 to 1896, and Principal from 1897 to 1924, and formerly a member of the Court.

- Mr. Bernard Hobson, a member of the Staff in the Department of Geology from 1889 to 1908.
- The Rev. Dr. Robert Mackintosh, Lecturer in Philosophy of Religion from 1904 to 1930.
- Dr. Siegmund Moritz who held the post of Lecturer in Diseases of the Larynx from 1904 to 1919.
- Dr. J. Stuart Thomson, formerly Senior Lecturer in Zoology, and a member of the Staff from 1910 to 1929.
- Dr. Kate King May Atkinson, Drill Instructor for Women from 1909 to 1914.
- Mr. A. F. Edwards, Senior Steward in the Chemical Department and a member of the Service Staff since 1888.
- Mr. S. F. Butcher, a member of the Advisory Committee on Legal Education.
- Sir Dugald Clerk, upon whom the Honorary Degree of D.Sc. was conferred in 1912.
- Miss Mary Dendy, upon whom the Honorary Degree of M.A. was conferred in 1910.
- Mr. John Galsworthy, upon whom the Honorary Degree of Litt.D. was conferred in 1927.
- Professor Ernest William Hobson, upon whom the Honorary Degree of D.Sc. was conferred in 1902.
- Professor John George Robertson, upon whom the Honorary Degree of Litt.D. was conferred in 1928.
- Sir Ronald Ross upon whom the Honorary degree of D.Sc. was conferred in 1929.
- Professor Graham Wallas upon whom the Honorary degree of Litt.D. was conferred in 1922.

#### DISTINCTIONS.

Among the distinctions awarded to members of the University are the following :

Professor Arthur Lapworth has been appointed Pro-Vice-Chancellor for a period of two years in succession to Professor Raper.

Professor J. L. Stocks has been appointed Pro-Vice-Chancellor for a period of two years in succession to Professor Orr.

Professor H. Bompas Smith has been appointed Emeritus Professor.

Professor Miles Walker has been appointed Emeritus Professor.



- Professor Stopford has been appointed a representative of the University on the General Medical Council for a period of three years as from October, 1932.
- Professor Stopford accepted an invitation from the University of London to inspect and report upon the Medical Schools in the London area during 1933.
- Professor Dodd has been invited to deliver the Speaker's lectures in Biblical Studies at Oxford during the next three years.
- Professor Mordell has been invited to give lectures on Algebraic numbers in the University of Cambridge next session.
- Professor James Tait has been elected to an Honorary Fellowship at Pembroke College, Oxford, and the Honorary Degree of Doctor of Letters has been conferred upon him by the University of Oxford.
- Professor Namier has been invited to deliver the Ford Lectures in English History in the University of Oxford during the session 1933-34.
- The University of Dublin has conferred upon Professor Bragg the Honorary Degree of Doctor of Science.
- Professor W. Fletcher Shaw was the guest of the American Gynaecological Society at the Annual Congress held in Washington in May.
- Mr. R. O. Boswall, Lecturer in Mechanical Engineering in the Faculty of Technology, has been awarded the Thomas Lowe Gray Prize by the Institution of Mechanical Engineers.
- Mr. Harry Campion, Robert Ottley Lecturer in Statistics, has been appointed to a Rockefeller Fellowship in the United States of America. On his return to the University in October next, Mr. Campion will resume his tenure of the lectureship as a full time appointment with the title of Robert Ottley Lecturer in Economic Statistics.
- Mr. G. F. Mucklow, Lecturer in Engineering, has been awarded the Herbert Akroyd Stuart Prize of the Institution of Mechanical Engineers.
- Dr. A. W. Wilcock, Lecturer in the History of Music, has been appointed organist of Exeter Cathedral and Master of the Choristers.
- Dr. Henry Clay, formerly Professor of Social Economics in the University, has been appointed Economic Adviser to the Governors of the Bank of England.

- Professor W. A. Bone, formerly Lecturer in Chemistry and Metallurgy in the University of Manchester, has been awarded the Medal of the Society of Chemical Industry.
- Mr. Geoffrey Bullough, a graduate of the University and formerly Assistant Lecturer, has been appointed to the Chair of English Literature in the University of Sheffield.
- Professor J. E. Lennard-Jones, formerly Lecturer in Mathematics in the University, has been appointed to the Plummer Chair of Inorganic Chemistry in the University of Cambridge, has also been elected to an Honorary Fellowship of Corpus Christi College, and appointed a Fellow of the Royal Society.
- Dr. Alexander Robertson, formerly Assistant Lecturer, has been appointed to the Chair of Organic Chemistry in the University of Liverpool.
- Professor Robert Robinson, formerly Professor of Organic Chemistry in the University, has been awarded the Royal Medal of the Royal Society.
- Professor F. M. Rowe, formerly Lecturer in Dyestuffs in the Faculty of Technology, has been admitted to the livery of the Worshipful Company of Dyers and to the freedom of the City of London.
- Dr. James Chadwick, a graduate of the University, has been awarded the Hughes Medal of the Royal Society.
- Mr. Harold Davenport, a graduate of the University, has been elected to a Fellowship of Trinity College, Cambridge.
- Mr. H. D. Kay, a graduate of the University, has been appointed Director of the National Institute of Research in Dairying at Reading.
- Dr. E. J. Williams, Special Lecturer in Mathematical Physics, Mr. M. G. Evans, Assistant Lecturer in Chemistry, and Dr. Donald Sheehan, formerly Demonstrator in Anatomy, have been elected to Rockefeller Fellowships.

#### FINANCE.

##### *Grants from Local Authorities, etc.*

The following is a list of the annual grants received during the year :

The City of Manchester, £9,000 ; the County of Lancashire, £5,600, including £600 for Extra-Mural work ; the County of Cheshire, £1,250 ; the County of Derby, £750 ; the City of Salford, £300 ; the County Borough of Bolton, £500 ; Blackburn, £100 ; Stockport, £400 ; Burnley, £250 ; Wigan, £250 ; Oldham, £250 ; Rochdale, £150 ; Bury, £100 ; Preston, £100 ; Warrington, £100.



Under the Will of the late Lord Brotherton of Wakefield, the Trustees have decided to establish a Scholarship in Physics or in Chemistry, tenable either in the University of Manchester or in the University of Leeds.

During the year further payments have been received in respect of :

	£	s.	d.
Samuel Gratix (Junior) Bequest ... ..	6,835	3	10
T. H. Worrall Bequest ... ..	116	12	0
T. Groom Barker Bequest ... ..	791	4	5
Sir D. Drummond Fraser Bequest ... ..	88	18	2
Thos. Marriott Bequest ... ..	11	17	2
Jane Ash Legacy ... ..	28	19	1
S. C. Helm Bequest ... ..	8	3	0

Messrs. Henry Simon Ltd., of Cheshire, have continued their annual subscription of £10 for the benefit of the Department of Economics and Commerce.

A donation has been received from the Education Department of the National Association of Local Government Officers as a contribution to the expenses of the Department of Public Administration in the University.

The Manchester Committee on Cancer and the Christie Hospital have sent £7,320 and £362. 4s. 2d. respectively towards the cost of the Cancer Research Department, the first mentioned being the amount estimated to be required to meet the deficiency on the Department for the two years ending March 31st, 1935.

The "1918" Scholarship Committee have notified their intention of handing to the University a fund of approximately £260, originally collected by the Industrial and Professional Women's Suffrage Society, for the provision of loans to medical students. This fund will be added to the newly instituted University Fund for the same purpose.

Messrs. Lewis's Ltd., have sent a fifth annual subscription of £100 for the General Fund of the University.

A small fund has been raised by the Old Students' Association of the Manchester University Geographical Society to establish a Memorial to the late Reader in Geography, Mr. W. H. Barker. The income from the fund is to provide a prize in the Department of Geography.

An anonymous gift of £100 has been received to institute a fund to be utilised as a loan fund for the assistance of women medical students.

Under the Will of Mr. John Alfred Morris of Altrincham, the University has received a bequest of £100 for General Funds.

Miss Enid Jones and Miss Amy Jones have each contributed the sum of £50 towards the expense of apparatus for the Department of the Education of the Deaf.

The Manchester Branch of the English Speaking Union have awarded two Fellowships tenable at the University of Manchester next session.

Mrs. R. W. Williamson has presented to the University a portrait in oils of her father-in-law, the late Dr. W. C. Williamson, who held the Chair of Botany in the Owens College from 1851 to 1892.

Mr. Paul Ogden has presented thirty-one bound volumes of the R.I.B.A. Journal to the Architecture Departmental Library.

#### • RESIGNATIONS AND APPOINTMENTS.

In addition to those mentioned elsewhere in the Statement, the following Professors and Readers are leaving the University at the end of the session, or have already departed, and appointments to Professorships and other changes, as set out below, have been made :

Professor A. C. Dickie is retiring from the Chair of Architecture after twenty-one years of devoted and distinguished service rendered to the University. Under his direction a most flourishing school has been built up, notable for enthusiasm, the high character of its work and the distinctions which its students have gained.

Mr. R. A. Cordingley, M.A. (Manchester), A.R.I.B.A., Master of Architecture at Armstrong College, University of Durham, and Resident Architect of Durham University, has been appointed Professor of Architecture and Director of the School of Architecture as from September next, in succession to Professor Dickie.

Mr. W. B. Edwards, Lecturer in Architecture in this University, has been appointed Master of Architecture at Armstrong College, University of Durham, in succession to Mr. Cordingley.

Professor L. E. Kastner is retiring from the Chair of French Language and Literature at the end of the present session. Professor Leon Kastner was appointed twenty-four years ago in succession to his father, Professor Victor Kastner, and between them, father and son have served the University for forty years. By his fine

scholarship and his stimulating influence as a teacher, Professor Leon Kastner has contributed notably to the advancement of his subject both here and elsewhere. He leaves a Department and an Honours School of French which is one of the most important in the country.

Professor John Orr has resigned from the Chair of French Language in the University on his appointment to a Chair in the University of Edinburgh. As Junior Assistant Lecturer in French in the University from 1913 to 1915, and as Professor of French Language since 1919, Professor Orr has rendered invaluable service to the Department of French and has added greatly to its distinction. During his tenure of his Chair, Professor Orr has taken an increasingly important part in all the developments of the University. Alike as scholar, teacher, and administrator, he leaves a gap which will be hard to fill.

Mr. Eugène Vinaver, M.A., B.Litt. (Oxford), D. ès L., has been appointed to succeed Professor Kastner.

Mr. Isidor Morris Heilbron, D.S.O., D.Sc. (Glasgow), Ph.D. (Leipzig), F.R.S., at present Heath Harrison Professor of Organic Chemistry in the University of Liverpool has accepted an invitation to a Chair of Organic Chemistry in the University.

Mr. Michael Polanyi, M.D., Ph.D. (Budapest), of the Kaiser Wilhelm Institute, Berlin, and Professor at the Technical High School of Berlin, has accepted an invitation to a Chair of Physical Chemistry in the University.

Professor Heilbron and Professor Polanyi will take up their duties in September next.

The Universities' China Committee has received from the Boxer Indemnity Fund the sum of £200,000 for the promotion of cultural relations between China and Great Britain. As one way of achieving this object it has agreed to give substantial help towards the establishment of posts at Oxford, Cambridge, London, and Manchester, for the study of Chinese, each one having its appropriate bias. At Manchester the bias will be towards economics and commerce. Since the death of Professor E. H. Parker in 1926 the Chair of Chinese has been in abeyance. With the help of a contribution of £400 a year from the Universities' China Committee, the Council has instituted a Readership in Chinese Language and Social Economy, and has appointed Mr. E. W. Mead, M.A. (Cambridge) (late of the British Consular Service) to the Readership. Mr. Mead will take up his duties in September next.

Mr. John Hollingworth, M.A. (Cambridge), D.Sc. (London), M.I.E.E., has been appointed to the Chair of Electrical Engineering in the Faculty of Technology, in succession to Professor Miles Walker. Professor Hollingworth entered on his duties in January last.

The Council have instituted a Special Lectureship in the History of Art.† Mr. Reginald Howard Wilenski, formerly Lecturer in Art in the University of Bristol, has accepted an invitation to hold the Lectureship for the first two years. Mr. Wilenski will enter upon his duties at the beginning of the session in October next.

Mr. Frank Clare Wilkinson, M.D., B.D.S. (Liverpool), D.D.Sc. (Melbourne), at present Professor of Dental Science in the University of Melbourne, has accepted the Chair of Dental Surgery and the Directorship of the Dental Hospital of the University of Manchester. It is expected that he will commence his duties at the end of September.

#### ADMINISTRATION.

The period of appointment of Mr. H. Pilkington Turner, Secretary to the Senate expires in September next.

Mr. Turner has held administrative posts in the University continuously since 1907. But long before that he was associated with the University as a student, a graduate in Law and in Arts, President of the University Union and Lecturer in the Faculties of Law and Commerce. During his long and devoted service Mr. Turner has identified himself with all that concerns the best interests of the University and the welfare of students and of Staff and in an eminent degree he has won the affection of all his fellow workers. Mr. Turner will continue to act as Director of Extra-Mural Studies for a further period.

In view of the retirement of Mr. H. P. Turner as Secretary to the Senate, which takes place at the end of the present session, a re-organisation of the academic administration will be made. The Registrar's Department will, in future, deal with all academic matters other than those connected with finance and the Extra-Mural Department. Mr. F. P. Walton, B.Com., at present Assistant Secretary to the Council and Senate, has been appointed Assistant Registrar, and Mr. E. J. Albiston and Mr. H. C. Butterfield, B.A. (Com.), have been appointed Assistant Secretaries.

The title of Mr. Thomas Borthwick, Examinations Clerk, has been altered to "Secretary for Examinations."

The Council have accepted, with great regret, the resignation of Mr. H. M. Leach, from the Treasurership of the Ellis Llwyd Jones Hall. Mr. Leach has rendered valuable services as Treasurer and has taken a real and personal interest in all matters connected with the Hall since its institution.

The Chief Porter, Mr. Donald Fraser, retires at the end of the present session, after thirty-nine years of devoted service to the University.

### NUMBER OF STUDENTS.

The total number of students in the several Faculties of the University for the past session was as follows :

All Faculties except Medicine and Technology (including 594 Women students) .. ..	1,876
Faculty of Medicine (including 100 Women students) .. ..	769
Faculty of Technology (including 5 Women students) .. ..	301

In addition to the above, there were 350 persons attending Evening Classes.

During the session 1932-33 the return of the ages of Men Students was as follows :

	No. of Students.
Between 16 and 18 .. ..	181
Between 18 and 20 .. ..	650
Above 20 .. ..	1,466
	<hr/> 2,247

The return of the ages of Women Students was as follows :

	No. of Students.
Between 17 and 18 .. ..	31
Between 18 and 20 .. ..	284
Above 20 .. ..	384
	<hr/> 699

The number of women students has increased this session. The increase is in the Faculties of Arts and Medicine.

The following is a Comparative Statement of the total number of students in the several Faculties for the past seven sessions :

	1926-27	1927-28	1928-29	1929-30	1930-31	1931-32	1932-33
All Faculties except Medicine and Technology ..	1,618	1,691	1,736	1,735	1,786	1,827	1,876
Faculty of Medicine .. ..	595	578	678	685	689	742	769
Faculty of Technology .. ..	242	282	240	252	251	266	301
	<hr/> 2,455	<hr/> 2,501	<hr/> 2,639	<hr/> 2,672	<hr/> 2,726	<hr/> 2,835	<hr/> 2,946
Or, allowing for double entries	<hr/> 2,487	<hr/> 2,480	<hr/> 2,618	<hr/> 2,652	<hr/> 2,706	<hr/> 2,811	<hr/> 2,920



## FACULTY OF ARTS.

The number of students shows an increase, owing to an addition of about 40 to the number of Honours students, 450 students entered for Honours courses, and 13 research students registered of whom 28 were preparing for the degree of M.A. During the session the new Regulations of the Honours Schools of Economics, Politics, and Modern History, and of Philosophy and English have come into force. The regulations of the Honours School of German have been revised, and new regulations have been recommended for Courses in Hellenistic Greek and Comparative Religion to meet the needs of theological students. Slight changes have been introduced into the M.A. Ordinances. The Faculty has also to congratulate itself on the arrival of Professor Fairley to fill the Chair of German, after a year's interregnum, and of Professor Praz to fill the Chair of Italian.

## FACULTY OF SCIENCE.

The number of students registered continues to increase slightly. About 66 students have been engaged in research work in the various departments of the Faculty. The number of students taking Honours Courses was 362. Both of these figures represent a slight advance on those for the preceding year.

## FACULTY OF LAW.

There have been 150 students in attendance at classes in the Faculty of Law during the session. This number shows a slight increase on last session's, and constitutes the highest total of students registered as members of the Faculty of Law at any time. In addition the Faculty has provided instruction for 130 students in other Faculties.

The University submitted evidence to the Lord Chancellor's Committee on Legal Education and Professor R. A. Eastwood gave oral evidence on behalf of the University before the Committee. Professor Eastwood also assisted in preparing the written evidence submitted by the Society of Public Teachers of Law.

Dr. Hedges has been appointed a member of the Permanent Legislation Committee of the International Hospital Association.

The Faculty was represented by Professor Eastwood and Mr. Jolly at the International Congress of Comparative Law held at The Hague in August, 1932.

## FACULTY OF MEDICINE.

Professor H. S. Raper has been appointed Dean of the Medical School.

Dr. A. D. Macdonald has been re-appointed Tutor and Secretary to the Faculty of Medicine.

*Entries.*

During the session, 82 new students have been registered for medical courses, including 17 women: 68 are taking the Manchester degree course. In addition, 5 students had transferred from other Faculties for the medical degree course: also 9 students preparing for Final examinations of other Licensing Bodies. Four qualified Indian students who desire to obtain an English qualification in medicine in addition to their Indian qualification are admitted each session. 33 new dental students including 2 women, have been registered for dental courses and 121 for courses in Pharmacy.

*Post-Graduate Courses.*

The only course arranged for this session, *i.e.*, the whole time course in Obstetrics, is now being held: all other courses had to be cancelled owing to insufficient entries. The Post-Graduate Committee has therefore decided to postpone any further arrangements and issue of special prospectuses until such time as there is a definite demand for special courses.

There were 17 entries for the courses in preparation for the Diploma in Public Health in October.

## THE DENTAL SCHOOL AND DENTAL HOSPITAL.

An important development has taken place in the life of the University by the re-organisation of the Dental School and the Dental Hospital. Under a scheme, approved by the Chancery Court, the University has taken over the responsibility for the hospital. The work both of the school and the hospital will be carried on by means of two Committees, one of dental education, the other of dental charity, both responsible to the Council of the University.

As mentioned on page 894, Mr. Frank Clare Wilkinson, M.D., B.D.S. (Liverpool), D.D.Sc. (Melbourne), has been appointed to the Chair of Dental Surgery and the Directorship of the Dental Hospital of the University of Manchester.

## FACULTY OF COMMERCE AND ADMINISTRATION.

The "Industrial Survey of the Lancashire Area (excluding Merseyside)," prepared by the Research Section of the Faculty for the Board of Trade has been published by H.M. Stationery

A special grant of £300 was made by the Council for the purchase of books in modern German literature, and 561 volumes have already been obtained.

A further number of volumes of periodicals has been purchased out of the Government Grant. The complete sets added to the Library include the following :

*Acta Philologica Scandinavica.*  
*American Journal of Physical Anthropology.*  
*Arkiv for Nordisk Filologi.*

Additional volumes, towards completing the Library set of the following periodical, have been purchased : -

*Samfund til Udgivelse av Gammel Nordisk Litteratur.*

#### LIBRARY FOR DEAF EDUCATION.

At the end of the session 1931-32 the Library contained 7,215 volumes, and 97 volumes have been added during the present session. Not only is the Library used freely by students taking the special course for teachers of the deaf, but books are constantly being sent out to teachers in various parts of the Kingdom, whilst requests from the National Central Library for the loan of books to other libraries and to individuals have also been met.

Forty-four volumes have been presented to the Library, including a copy of R. A. Sicard's "*Cours d'Instruction d'un Sourd-Muet de Naissance*," which formerly belonged to the late Tsar of Russia, presented by Mr. A. Farrar.

The number of registered borrowers is now 231, seven names having been added to the list since the last report.

#### LAND AND BUILDINGS.

The Manchester Corporation have leased to the University approximately 41 acres of land at Wythenshawe for use as playing fields. By the acquisition of the new land it will be possible to ease the strain at the Firs and to enable a greater number of students to engage in athletics.

Further accommodation for the Department of Metallurgy became necessary and urgent at the commencement of the session in consequence of the increased number of research students. An extension of the present laboratory was made and opened at the beginning of the session.

## FOUNDER'S DAY.

Founder's Day was celebrated on May 17th when the following Honorary Degrees were conferred by the Chancellor :

*Doctor of Laws.*

Sir John Charles Walsham Reith.

*Doctor of Letters.*

Professor Edwin Francis Gay.

*Doctor of Science.*

Professor John Linton Myres.

Professor J. L. Stocks presented the Graduands and Sir John Reith replied on their behalf.

Mr. James Ramsay Macdonald (the Prime Minister) was unable to be present at the Ceremony for the conferring of degrees on Founder's Day. A special ceremony took place at No. 10, Downing Street, on July 25th, 1933, when the Degree of Doctor of Laws (*honoris causa*) was conferred upon him by the Chancellor. Professor Stocks made the presentation.

Professor Artur Schnabel, who was unable to be present at the Founder's Day Commemoration, attended the University on May 9th, when the degree of Doctor of Music (*honoris causa*) was conferred upon him. He subsequently delivered a lecture on "Reflections on Music."

## HONORARY DEGREES.

Honorary Degrees were conferred at the July Degree Ceremonies, as follows :

*Master of Arts.*

Mr. Nathan Laski.

Mr. Alfred Powell Wadsworth.

*Master of Science.*

Mr. Robert Henry Clayton.

Mrs. Irene Rosetta Ewing.

## JUBILEE OF THE ADMISSION OF WOMEN STUDENTS TO THE UNIVERSITY.

A Reception was given by the Council of the University on July 8th, in the Whitworth Hall in celebration of the Jubilee of the Admission of Women Students to the University.

The following Honorary Degrees were conferred :

Miss Sara Annie Burstall ... *Doctor of Laws.*

Professor Eileen Power ... *Doctor of Letters.*

Dr. Harriette Chick ... *Doctor of Science.*

Honorary Professor S. Alexander presented the Graduands and Miss Burstall replied on their behalf.

## STUDENTS.

A Reception to students in their first year was given by the Council and the Students' Unions in October, 1932.

The following reports have been received from the Students' Unions :

*University Union.*

The year 1931-32 was described in last year's report as one of "intensely critical self-examination." In that year the question most discussed was concerned with the function the Union should fulfil in University life. The Union endeavoured to emphasise its position as the centre for free undergraduate thought, and 1932-33 may be looked upon as a year of achievement with that end in view.

It was clear that a start must be made by giving Union societies every opportunity to hold their functions within the Union and accordingly societies recognised by the Union committee now have free use of rooms for meetings which are open to all Union members. To co-ordinate society activities and avoid overlapping, a Society Secretaries' Committee was established, and this, in addition to its co-ordinating work, prepares a weekly calendar of events. The Ethical Society is to be congratulated on having taken a lead in the city of Manchester by throwing open its membership to the public. The Musical Society, supported financially by the General Committee, has given a series of mid-day concerts which have proved of great value and interest to the members of the Union.

In pursuing the general aim of making the Union an intellectual focus, one of the most difficult things to combat is apathy on the part of many undergraduates. It was felt that this was a result of inadequate information about internal activities and the difficulty has been partly solved by the publication of a weekly news bulletin in which appear reports of the past week's committee meetings and society activities together with a calendar of those for the following week. Results of the Athletic Union's matches are also included.

A radio-gram has been installed, by the judicious use of which it is hoped to afford Union members the opportunity of hearing good music and eminent speakers on problems of the day.

In realising its position as a part of the University with a definite function to fulfil, the Union has felt that it should have the opportunity of closer contact with the administration of the University. For some years informal meetings of staff and students met to discuss University problems. A Joint Advisory

members of the Unions' Committees. It is hoped that by this means help may be obtained in problems of common interest to staff and students.

Debating in the Union is of a high standard and in addition to the usual debates we have sent debating delegates to other Universities, and teams to local Debating Societies. One member of the Union, Mr. P. L. Tendon, was selected by the National Union of Students as a member of an Indian team to tour the Universities. Debates in general have not been free from criticism and it was felt by some that the technique of debating was such as to lead one away from truth rather than towards it. It was suggested that this was a dangerous training for those who would ultimately take up public life. Half the debates were therefore deleted from the year's programme and a new method of public discussion introduced, in which a leader expounds his subject for twenty minutes after which the subject is open to discussion from the floor of the House. The conclusion takes the form of a summing-up and the leader has the option of putting forward a proposition to be voted upon. This form of public discussion has been, in the main, successful.

Social contacts are being more widely developed and in addition to the usual Inter-Union debates and dances, an innovation this year is the holding of Tea Socials in which members of the Men's and Women's Unions participate. The year has seen a strengthening of the bonds with other University Unions and Manchester is taking a lead in re-organisation and the re-orientation of the activities of the National Union of Students. The Union committee has sent delegates this year to various Student Conferences.

The continuance of the Rag was very seriously discussed and after trenchant criticism it was decided that the Rag should be held if only for the benefit of the hospitals. The exact amount realised is still unknown but is about £4,000.

During the year the Union has made progress in its endeavour to become a greater intellectual force in University life. It is hoped that this position will be further consolidated during the coming year.

### *Athletic Union.*

The high standard of athletics at Manchester is still maintained—all the clubs continue to be well supported. It is hoped, in the near future, that the Athletic Union will be able to increase the percentage of active members by fostering inter-departmental games. The Boat Club has been revived and have arranged with the Agecroft Rowing Club to use their boats and club-house.

The most outstanding success among the winter clubs was that of the Lacrosse Club which, after a lapse of many seasons, regained the U.A.U. Lacrosse Championship from Oxford.

The Soccer Club won the Christie Championship, and were close runners-up for the Northern Division of the U.A.U. Championship.

The Rugby and Hockey Clubs were more successful than they were last season, but both clubs failed to gain Inter-University honours.

The Swimming Club carried out a successful water-polo programme throughout the Lent term, winning the Christie, and qualifying to meet Trinity College, Dublin, in the U.A.U. Championship final. This match was played at Liverpool on May 12th and resulted in a win for Trinity by 9 goals to 4. The Club regained the Christie Swimming Shield but lost the U.A.U. to a strong London side after having held the championship for many years.

The Athletic Club repeated its success of last year in winning, for the sixth year in succession, the Christie Athletic Championship Cup. If the Athletic Club is to repeat these performances, freshmen are needed to take the place of the present members who are going down.

It is too early to make comments on the results already obtained by the Cricket, Golf, Boat, and Tennis Clubs, but there are indications that these Clubs will do as well as they have done in preceding years. Last year the Cricket Club won the U.A.U. Championship and although they have lost three members of their team, they are very hopeful of retaining the Championship. This was perhaps due to the fact that club members were coached at Old Trafford by county coaches.

Many individuals have distinguished themselves outside club activities. The most outstanding was J. C. P. Besford, who attacked and took  $\frac{1}{2}$  of a second off the world's 400 metres back-stroke record, covering the distance in 5 mins. 41  $\frac{1}{2}$  secs.

We have been well represented on U.A.U. sides in many games and several members regularly obtain their county caps in hockey and water polo.

An encouraging feature of this season has been the greatly increased interest shown by members of the University staff in the activities of the University Athletic Union.

## *Annual Statement.*

### *Women's Union.*

Abandoning the usual series of talks on "Careers" this season the Union has been extremely interested by a series on "How Manchester is Managed." These talks were given by eminent members of the City Council, and included Public Health, Parks and Open Spaces, to name only two of the subjects.

Debates this year have on the whole been well attended, and a Mock Election took place last term--there is a marked improvement in the standard of debating.

Parties from the Union have been organised to visit a coal mine, newspaper office, and other places of interest. An endeavour was made for a joint ramble with Sheffield University but, unfortunately, it was not possible.

Mrs. Wertheim has most kindly lent us a number of modern oil colours, and these with the pictures from the Rutherford Collection will be much appreciated by the Union.

We have been very successful in our endeavour to obtain money for Ancoats--the Carol Singing realised £18, and the Ancoats Flag Day, £14, both of these sums being record amounts. Informals this year have been extremely popular, necessitating in some cases the use of a third room, and we feel that our profits, all of which go to Ancoats, should attain a high level.

A News Sheet has been published fortnightly in the Union, containing the diary of forthcoming events--this it is hoped will keep all members in touch with the activities of the Union and will be a useful channel of information from the General Committee to the Union.

There have been a number of informal meetings of members of the Staff and members from the Mens and Women's Committees, and it is hoped in the future to form some kind of Advisory Committee from these three bodies.

The Jubilee of the Admission of Women to the University will be celebrated in July. The women graduates are subscribing for a Joint Common Room--to be used by members of both Unions and the Staff.

### *Women's Athletic Union.*

The activities of the various clubs incorporated in the Athletic Union have been keenly maintained during this session. Most of the winter clubs again had good results and were once more finalists in the Universities Championships.

The Netball and Fencing Clubs, however, were not strong enough to obtain Championship status. The Lacrosse Club was again beaten by Reading in the final.



The Hockey Club met with greater success than any of the clubs. The Christie Championship and the Schuster Shield were retained, and finally the Club gained Inter-Varsity Honours, by defeating Reading in the final.

The Badminton Club is maintaining a steady standard. Among the Summer clubs the Tennis, Swimming, and Athletic Clubs showed great activity. The Tennis Club secured the Christie Championship but was again beaten by Birmingham in the Final. The Athletic team put up a gallant fight at the Inter-Varsity Sports, and finished runners-up for the Championship. After a rather quiet season in '32 the Swimming Club has started the present season in splendid fashion, defeating Liverpool and Edinburgh in a triangular Swimming contest.

The newly-formed Cricket Club did very well last season and the results of this year's trials point to a stronger team being formed. The game is proving a great attraction.

The standard of all forms of Women's athletics is improving, but a greater improvement would be possible if there were even greater facilities for play.

#### HALLS OF RESIDENCE.

The following reports have been received from the Halls :

##### *Dalton Hall.*

Seventy-one men have been in residence, including two tutors and eight graduates of whom five have been engaged in research and three in training for the Teacher's Diploma. Thirteen of the residents are from abroad.

The influenza epidemic in the second term claimed a number of victims ; apart from this the health record was good.

Energy has as usual been reasonably divided between study and recreation of various kinds. For the third year in succession an original dramatic performance was staged.

It is regrettably necessary to record the death of Mr. J. W. Graham, who was connected with the Hall as Tutor and Principal for thirty-eight years in all. It was in consequence of representations made by Mr. Graham and others at the time that a clause was inserted in the 1906 scheme for the administration of the Hulme Trust which has resulted in the establishment recently of the William Hulme bursaries tenable at any recognised Hall in the University.

*Hulme Hall.*

The past session has again been eminently satisfactory. In the first place there was a recovery in numbers there being in residence during the session, one hundred and thirty-six members, including seven tutors of whom four were University Lecturers, and nineteen graduates. There was a phenomenal entry of freshmen. Several structural improvements have been made during the session which have materially added to the conveniences and amenities of the Hall. Its internal life has been smooth and happy, and much energy has been shown in many forms of activity, a Chess Club being inaugurated and the custom of occasional Lectures on topics outside the regular academic courses being continued. Both in athletics and in work members of the Hall have maintained the high standard of recent years. The health of the students has been singularly satisfactory.

*St. Anselm Hall.*

Sixty men are in residence including three members of the Staff, four graduates doing research work, and nine graduates reading for the Teacher's Diploma.

During the year the Hall Governing Body has become incorporated under the terms of the Companies Act of 1929, and, following older precedents, the name of the Hall has been changed to St. Anselm Hall.

In all respects the current session has been most happy and successful. Influenza took considerable toll of our members in January, and we have had more than our usual proportion of athletic injuries, but otherwise the health of the Hall has been excellent.

*Lancashire College.*

There was an increase in the number of residents—forty-five students and three tutors. Two women students are also on the College Roll. Ten have graduated and are reading for further degrees. The majority of the undergraduates are studying Theology or Arts as a preparation for it; but Science, Medicine, Pharmacy, Engineering, and Education, are also represented.

Rev. G. K. Hawes has succeeded Rev. W. G. Robinson as tutor. We mourn the loss of Emeritus Professor Robert Mackintosh after a connection of thirty-nine years.

Apart from some influenza in the Lent term, the health of the College has been very good, and the academic, social, and athletic activities well sustained.

*Unitarian College, Summerville.*

Nine men and a tutor have been in residence, and three non-resident students have been attending College and University lectures. Two students are graduates and one is a Hungarian. A valuable gift of books for the Library has been received from Ireland.

*Ashburne Hall.*

At the beginning of the session the Hall received nineteen students from Lees Hall and fifty new students, including one American and one German: these brought the total numbers to one hundred and fifty-eight.

Of the twenty-six graduate students four are reading for further degrees and twenty-two for the Teacher's Diploma.

The corporate life of the Hall has gained by the new division into three wings, each having its own common room: the wings are in charge of the Warden, the Vice-Warden, and Miss Axon respectively.

There are also two University lecturers in residence.

The academic work has progressed satisfactorily throughout the session.

Members of the Hall have again held important offices in the Women's Union and Athletic Union, and have borne their part in all the activities of the University.

The value of the new sanatorium was proved in the influenza epidemic when its use prevented the infection from spreading very widely.

*Ellis Llewellyn Jones Hall.*

Twenty-eight University students and one from the College of Domestic Science have been in residence this session.

Six students are preparing for the Certificate for Teachers of the Deaf and one for the University Certificate for non-graduate Teachers.

Two students from the University of Marburg were in residence during May and June.

The work of the students has been satisfactory. The dramatic entertainment reached a high standard, and the athletic record has been the best for several years. Except for a few cases of influenza at the beginning of the Lent term, the health of the Hall has been good.

The Hall is very grateful to Professor Fiddes for a gift of

*Langdale Hall.*

Miss Jessie M. Hughes resigned the Wardenship of Langdale Hall in 1932, and Miss Dorothy M. Newcomen, M.A. (Oxford), was appointed as Warden.

Thirty-five students have been in residence this session, five of whom are graduates reading for the Diploma in Education. Of six first year students, five are reading for Arts degrees, and one Science.

The health of the Hall has been uniformly excellent, and its academic and social life vigorous. Athletics show the usual keenness, and several students are members of University teams.

Miss Barbara Hughes has been appointed Deputy-Warden.

*St. Gabriel's Hall.*

Nineteen University students have been in residence during the Michaelmas and Lent terms, and twenty-one during the Summer term. Of these, three are graduates reading for the Diploma in Education. In addition, there have been five students attending the College of Domestic Science and one the School of Art.

The health of the students has been good and their spirit and conduct excellent.

Miss Nancy Stewart Parnell, B.A. (Liverpool), was appointed Warden in succession to Miss Frances Gibbins who resigned at the end of last session.

## VISITS TO THE UNIVERSITY.

In addition to those mentioned elsewhere, the University has welcomed the following, amongst other visitors, during the session :

The senior scholars of the Secondary Schools of the Lancashire County Council visited the University on November 30th, 1932, and the senior scholars of the Secondary Schools of the Cheshire County Council visited the University on March 15th, 1933. Professor L. B. Namier and Professor M. F. Jacob respectively delivered lectures on these occasions. The parties were conducted through the University Unions and afterwards entertained to tea.

The University has received visits from a number of literary, scientific, and other societies in the Manchester district, generally on Saturday afternoons.

The students from Tutorial and other classes supervised by the University Joint Committee on Tutorial classes, visited the University on the afternoon of Saturday, February 11th, when upwards of 1,000 were present.

The Chancellor received the students and presided at the evening Meeting.

#### INTERCHANGE OF PROFESSORS AND VISITS OF MEMBERS OF THE STAFF TO OTHER COUNTRIES.

Dr. Preston W. Slosson, Professor of History in the University of Michigan, visited the University as the first Carnegie Visiting Professor in the Lent term. He took an active part in the work of the Department of History and delivered two public lectures.

Under the scheme of exchange of Belgian and British Professors, Mr. Jacques Errera, Professor of Physical Chemistry in the Faculty of Applied Science at Brussels University visited the University in March and delivered lectures in the Physics Department.

Under a scheme for the visit of a number of German Professors to various English Universities the following Professors visited Manchester in April: Professor A. Sommerfeld (Physics), of Munich; Professor M. Dibelius (Theology), of Heidelberg; Professor H. Schumacher (Economics), of Berlin; Professor W. Schirmer (English), of Berlin; Professor Hugo Wach (Architecture), of Berlin.

Professor Charlton delivered a course of eight lectures in Holland in January.

#### MUSEUM.

During the session further progress has been made with the arrangement of the exhibited collections in all departments of the Museum; new features have been introduced in the display of Flightless Birds in the Natural History Section, and in various portions of the Archaeological Department, which has received a further valuable consignment of Antiquities from the excavations, in southern Palestine, of the British School of Egyptian Archaeology. The study-collection of Bird-skins has been largely re-arranged to increase facility of reference to specimens, as well as the large series of zoological specimens preserved in spirit.

The Museum has suffered great loss during the year through the sudden death of Mr. T. A. Coward and of Miss Winifred M. Crompton. Mr. Coward was a member of the Museum Committee for twenty years and gave a large part of his time to personal work

services to the Museum were constant and of the highest value. By a generous gift of Mrs. Coward, his valuable library of works on Zoology and his large collection of photographic lantern-slides have been placed in the Museum for the service of students. Miss Crompton joined the Museum Staff in 1904 and for the past twenty-one years had been in charge of the Egyptian and other Archaeological collections, the condition of which testifies to her knowledge and skill. Her place on the Museum staff has been filled by the appointment of Miss M. S. Shaw.

A list of the more important gifts made to the Museum during the session will be found in Appendix II.

#### EXTRA-MURAL DEPARTMENT.

Forty-seven Tutorial Classes, twenty Preparatory Classes, and one Terminal Course have been held during the session. Eight classes have been held in Manchester, four in Altrincham, three in Blackburn, Heywood, Rochdale, and Stockport, two in Accrington, Baccup, Farnworth, Leigh, Nelson, Northwich, and Stretford, and one in each of twenty-six other towns or villages. The classes were taken by forty-five Tutors. The subjects of study included English Literature, New Testament History and Literature, Greek and Roman Life and Literature, History, Modern History, Contemporary History, Social History and Legislation, Social and Political History, Economics, Economic History, Economic Problems, Foreign Exchanges and Finance, Industrial and Commercial Organisation, Psychology, Philosophy, Political Philosophy, Social Philosophy and Economic Thought. The History of Political Ideas, the Growth of Civilisation, Geography, Law and International Relations, Appreciation of Music, Biology, Biology and Physiology.

The provision of Class Libraries has again been greatly assisted by the generosity of the Carnegie United Kingdom Trust, and the County and Borough Libraries.

The success of the Summer School in July and August, 1932, was fully maintained. 108 students attended the School and the number of Lecturers and Tutors was 22.

Twelve University Extension Courses were given in the University and at Centres outside Manchester, and in addition, under the scheme of co-operation with the Education Committees of the Lancashire and Cheshire Counties, lectures have been provided for teachers, and the public, and single lectures in Secondary Schools. Forty-two lectures and three Extension Courses were given for the two authorities.

Particulars of the visits of the senior pupils from the Lancashire and Cheshire Secondary Schools are given on page 909.

A list of Public Lectures delivered during the session is given under Appendix I.

#### THE UNIVERSITY PRESS.

The University Press, during the year, has been able to maintain its output of new books, at the same rate as of previous years. Of the volumes which have been issued, particular attention must be drawn to volume 6 of the late Professor Tout's *Chapters in the Administrative History of Medieval England*. This, the concluding volume, contains Appendixes, an Addendum, and Corrigendum, as well as an Index to the complete work. It is only fitting that the most considerable book yet issued by the Press, as this is, should consist of the work of one who was responsible for the institution of the University Press, and who for so many years, directed its actions with such remarkable enthusiasm, energy, and ability.

#### OFFICERS TRAINING CORPS.

Full training to all Cadets could not be given this year on account of the cancellation of the Annual Training Camp, although it was found possible to arrange a fortnight's camp for fifty cadets; the camp was held at Scarborough in conjunction with detachments from the Universities of Liverpool and Nottingham.

Although they could not help financially, the War Office gave every possible assistance in other ways and the camp did a great deal to minimise the harm caused by the unfortunate necessity for this break in the continuity of training.

COMMISSIONS. One Officer Cadet has obtained a commission in the Regular Army, three have obtained commissions in the Supplementary Reserve and four in the Territorial Army.

CERTIFICATES OF PROFICIENCY. The results of examinations for Certificates "A" and "B" were as follows:

				Certificate "A."	Certificate "B."
Entered	...	...	...	26	10
Passed	...	...	...	14	5

#### JOINT MATRICULATION BOARD.

The increase in numbers of the candidates taking the School examinations of the Board still continues, the Higher School Certificate entries showing a big percentage rise. With the various efforts towards economy however it is possible that the steady progress hitherto shown will receive a check. The figures for the past two years are:

	1932	1931
School Certificate ... ..	19,983	18,720
Higher School Certificate	6,811	5,923

The percentages of successful candidates remain fairly constant; for 1932 the figures are School Certificate, 70.2 %, Higher School Certificate, 67.8 %. In the School Certificate examination 29.3 % of the candidates obtained a Matriculation Certificate.

In the ordinary Matriculation Examination the numbers were :

	1932	1931
July ... ..	589	618
September ... ..	980	926

The downward trend of the figures for July and the upward trend for September are in accordance with expectations and were commented on in the previous report.

The number of State Scholarships awarded on the result of the Higher School Certificate examination was again increased; the allocation of these scholarships to the different examining bodies is made by the Board of Education. The examination is used extensively for scholarship purposes—a use for which it was not originally designed—over 40 local education and other authorities awarded their University scholarships on the results of this examination.

The examination for persons of mature years and for those who have been engaged in industry had 57 and 17 candidates respectively; the numbers successful were 38 and 10.

Professor Priestley (University of Leeds) was elected Chairman for the year 1932—1933, Dr. Myers (University of Manchester), Vice-Chairman, and Mr. Carey (University of Liverpool), Honorary Treasurer.

Professor Duff has replaced Professor Bompas Smith as one of the representatives of the University of Manchester.

The Board wishes to place on record its appreciation of the services of Professor Bompas Smith and Professor Gillespie (University of Leeds) both of whom have held the office of Chairman, and have given many years of devoted service to the Board; having reached the retiring age they cease to be members of the Board.

The co-opted members for the year were Miss A. Drummond (Holly Lodge High School, Liverpool), Miss A. Fleming (Thoresby High School, Leeds), Miss F. A. Phipps (The Park School, Preston), Mr. J. H. Doughty (Leigh Grammar School), Mr. H. P. Lunn (Yardley Secondary School, Birmingham), and Mr. E. Percival Smith (Bolton School).

WALTER H. MOBERLY,

July 26th, 1933.

Vice-Chancellor.



## APPENDIX I.

The following Public Lectures have been given :

- “ Five Palaces of Gaza.” Lady Petrie.
- “ Some Modern Composers for the Piano.” Mr. A. M. Henderson, L.R.A.M., A.R.C.M.
- “ Speech and Language.” Mr. A. Lloyd James, M.A., Reader in Phonetics, University of London.
- Three Lectures (arranged in co-operation with the City Art Gallery Committee, and given at the City Art Gallery) :
  - “ The Italian, Dutch, and French Schools of Painting.” Mr. Anthony Bertram, M.A.
- “ Spinoza ” (Born 1632). Professor S. Alexander, O.M., M.A., D.Litt., F.B.A.
- “ Argentina.” Mr. E. Millington-Drake (Counsellor of H.B.M. Embassy at Buenos Aires). (Given at the College of Technology.)
- “ The Crisis of the Democratic Rule in Germany.” Dr. Arnold Wolfers (Deutsche Hochschule Fur Politik, Berlin).
- “ The Road to Christmas.” Professor R. S. Conway, M.A., Litt.D., F.B.A.
- “ Sir Christopher Wren.” Mr. J. Hubert Worthington, M.A., F.R.I.B.A. (Arranged in conjunction with the Institute of Builders, The Manchester Society of Architects, and the Royal Manchester Institution.)
- “ China in the Modern World.” Dr. T. C. Chao (Professor of Philosophy, Yen Ching University, Peking).
- “ Excavations at Nineveh.” Mr. R. Campbell Thompson, M.A., D.Litt. (Arranged in conjunction with the Manchester Egyptian and Oriental Society.)

Two Lectures :

- “ Some Curious Anticipations of the World War.”
- “ Some Personal Impressions at the Peace Conference of 1919.” Professor P. W. Slosson, D.Phil. (Michigan University).

“*Neueste Deutsche Dichtung*” (delivered in German).  
Professor Oskar F. Walzel (University of Bonn).

Sir Samuel Hall Oration : “*Jeremy Bentham*” (Centenary).  
Professor J. L. Stocks, M.A.

Adamson Memorial Lecture :

“*John Locke*” (Tercentenary of the birth of John Locke). Professor N. Kemp Smith, M.A., D.Phil., LL.D., F.B.A.

Ludwig Mond Lectures :

“*The New Ireland.*” Mr. W. B. Yeats, D.Litt., LL.D.

“*The Fear of the Dead in Primitive Religions.*” Sir James Fraser, O.M., D.C.L., D.Litt., F.R.S.

## APPENDIX II.

## DONATIONS TO THE MUSEUM.

H. E. Balch.	Piece of a large Crocket of Doultong Oolite, showing weathering, from the original (1214) Stonework of Wells Cathedral.
H. Banks.	Three small Roman copper coins of the Emperors Gathinus and Gallienus.
R. Blackmore.	Top-stone of Rotary Quern, found seven feet deep in gravel at Kearsley Electricity Sub-station.
Bootle Museum.	A collection of Exotic Birds and a Great Kangaroo.
British School of Archæology.	Collection of Antiquities from Tel-el-Ajjul, South Palestine.
Mrs. T. A. Coward.	A large number of books (about 350) and lantern slides (about 600) from the Library and collection of the late Mr. T. A. Coward.
Miss A. Crompton.	(On behalf of the late Miss W. M. Crompton.) A collection of lantern-slides on Egyptology, a number of ancient Egyptian Amulets and small Animal Figures, and engraving of Akhenaten's Death-mask. Also a head-covered gourd from Kenya.
Miss Lorna Johnson.	Terra-cotta pot Etruscan, inscribed Greek jar handle, stone whorl, three sherds of Mycenaean pottery and several other objects.
Miss E. F. Knott.	A number of books on Egyptology.
Professor Lang.	A number of parts of the Royal Society Proceedings of London, and of Edinburgh, and of the Journal of the Linnean Society.
Dr. J. G. Milne.	Catalogue of Alexandrian Coins in the Ashmolean Museum.

Set of Bows and Fish-Arrows and a Paddle  
from British Guiana.

Objects of Pottery and Basket-work, and  
model of a Canoe from the Uganda  
Protectorate.

*Collescendeis proboscidea* (Sabine). Barents  
Sea.

Greek Tetradrachm of Macedon. 300—280  
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Set of Coins of the Vatican State.

Model of Tombs of Rameses V., Rameses  
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Collection of Ethnological objects from  
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